

**F. No. 283/54/2018-GRID SOLAR – Part (1)**

भारत सरकार / Government of India

**नवीन और नवीकरणीय ऊर्जा मंत्रालय / Ministry of New & Renewable Energy**

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,  
Lodhi Road, New Delhi – 110003.

**Dated: 29<sup>th</sup> April, 2024**

**OFFICE MEMORANDUM**

**Sub: Updation of List I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 – Reg.**

- Ref:** (i) MNRE's O.M. No. 283/54/2018-GRID SOLAR–Part(1) dated 10.03.2021  
(ii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023;  
(iii) MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt dated 22.03.2024;

Reference is invited to this Ministry's O.M.s of even no. dated 10.03.2021, regarding implementation of Approved Models and Manufacturers of Solar Photovoltaic Modules (Requirement for Compulsory Registration) Order, 2019 and publishing List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019.

2. This Ministry vide its O.M. No. 283/22/2023-GRID SOLAR/Pt dated 10.05.2023 and O.M. of even no. dated 22.03.2024 inter-alia directed that only such models of Solar PV Module Manufacturers will be enlisted under ALMM, which comply with the BIS Standards and are having the following minimum module efficiency:

Category	Application/ Use	Minimum Module Efficiency requirement for crystalline-Silicon technology based Solar PV Modules	Minimum Module Efficiency requirement for Cadmium Telluride Thin Film technology based Solar PV Modules
Category I	Utility / Grid Scale Power Plants	20.0%	19.00%
Category II	Rooftop and Solar Pumping	19.5%	18.50%
Category III	Solar Lighting	19.0%	18.00%

3. Post the O.M. dated 10.05.2023 and subsequent O.M. dated 22.03.2024, only such models of Solar PV Modules have been considered for enlistment under ALMM List-I, whose module efficiency is meeting the eligibility criteria as mentioned in table at para-2 above.

4. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 was last updated on 10.04.2024.

5. The List – I (Manufacturers and Models of Solar PV Modules) of ALMM Order, 2019 is hereby further revised and the Revision-XXIV of same is enclosed at Annexure-I. The details of provisional enlistments granted by MNRE in ALMM List-I are at pages after Annexure-I.

6. The ALMM enlistment validity is subject to valid BIS Registration; else deemed to be delisted.

7. The details of Registration No. (R. No.) which has been allotted by BIS is mentioned against each manufacturer / manufacturing unit enlisted in ALMM and further details related to BIS certification like validity, models included, etc. may be checked from BIS website by using the following link: [https://www.crsbis.in/BIS/Lims\\_registrationc.do?hmode=getLimsData](https://www.crsbis.in/BIS/Lims_registrationc.do?hmode=getLimsData)

8. This issues with the approval of competent authority.



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Scientist-E  
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**Encl: as above**

**To: All Concerned**

Copy to: Director (Technical), NIC, MNRE for uploading this document on MNRE's website

List of Manufacturers and Models of Solar PV Modules Enlisted under ALMM Order (As on 29.04.2024)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
1	Emmvee Photovoltaic Power Pvt. Ltd.	#13/1, International Airport Road (Bellary Road), Bettahalasuru Post, Bengaluru-562157, Karnataka	R-62001074	512	i	Mono C-Si PERC Modules	E390M72 (390 Wp)	E385M72 E390M72 E395M72	19.20 19.45 19.70	72 (Full Cells)	1500	10.03.2023	09.03.2027
					ii	Mono C-Si PERC Modules	E325M60 (325 Wp)	E320M60 E325M60 E330M60	19.04 19.34 19.64	60 (Full Cells)	1500	10.03.2023	09.03.2027
2	M/s Sova Solar Ltd.	Layout Plot No: 25, E.P.I.P, Banskopa, Durgapur 713212, West Bengal, India.	R-51000590	532	i	Mono C-Si PERC Modules	SS535144HCMP (535Wp)	SS520144HCMP SS525144HCMP SS530144HCMP SS535144HCMP SS540144HCMP SS545144HCMP SS550144HCMP SS555144HCMP	20.16 20.35 20.54 20.74 20.93 21.13 21.32 21.51	144 (Half-Cut Cells)	1500	10.03.2023	09.03.2027
					ii	Mono C-Si PERC Bifacial Modules	SS535144HCBP (535Wp)	SS520144HCBP SS525144HCBP SS530144HCBP SS535144HCBP SS540144HCBP SS545144HCBP SS550144HCBP	20.16 20.35 20.54 20.74 20.93 21.13 21.32	144 (Half-Cut Cells)	1500	10.03.2023	09.03.2027
3	M/s Solex Energy Ltd	Plot No. 131/A Phase-1, G.I.D.C, Vitthal Udyog Nagar, Anand, Gujarat	R-72002577	21	i	Mono C-Si PERC Modules	SESM24375 (375 Wp)	SESM24370 SESM24375 SESM24380	19.04 19.30 19.55	72 (Full Cells)	1000	10.03.2023	09.03.2027
					ii	Mono C-Si PERC Modules	SES20CM120W320 (320 Wp)	SES20CM120W320	19.21	120 (Half Cells)	1000	10.03.2023	09.03.2027
					iii	Mono C-Si PERC Modules	SES24CM144W380 (380 Wp)	SES24CM144W375 SES24CM144W380 SES24CM144W385	19.01 19.30 19.51	144 (Half Cells)	1000	10.03.2023	09.03.2027
4	Saatvik Green Energy Pvt. Ltd.	Village Dubli, Tehsil- Barara, Dist- Ambala -133101, Haryana	R-91003670	566	i	Mono C-Si PERC Modules	SGE 190-36M (190 Wp)	SGE 190-36M	19.11	36 (Full Cells)	1000	10.03.2023	09.03.2027
					ii	Mono C-Si PERC Modules	SGE 255-48M (255 Wp)	SGE 255-48M	19.37	48 (Full Cells)	1000	10.03.2023	09.03.2027
					iii	Mono C-Si PERC Modules	SGE 285-54M (285 Wp)	SGE 280-54M	19.15	54 (Full Cells)	1000	10.03.2023	09.03.2027
								SGE 285-54M	19.49				
					iv	Mono C-Si PERC Modules	SGE 315-60M (315 Wp)	SGE 310-60M	19.08	60 (Full Cells)	1500	10.03.2023	09.03.2027
								SGE 315-60M	19.41				
					v	Mono C-Si PERC Modules	SGE 375-72M (375 Wp)	SGE 370-72M	19.09	72 (Full Cells)	1500	10.03.2023	09.03.2027
								SGE 375-72M	19.35				
					vi	Mono C-Si PERC Modules	SGE570-156MHC, (570 Wp)	SGE 380-72M	19.61	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE555-156MHC	19.78				
								SGE560-156MHC	19.96				
								SGE565-156MHC	20.14				
								SGE570-156MHC	20.32				
								SGE575-156MHC	20.50				
								SGE580-156MHC	20.67				
								SGE585-156MHC	20.85				
vii	Mono C-Si PERC Modules	SGE530-144MHC, (530 Wp)	SGE590-156MHC	21.03	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			SGE520-144MHC	20.13									
			SGE525-144MHC	20.32									
			SGE530-144MHC	20.52									
			SGE535-144MHC	20.70									
			SGE540-144MHC	20.90									
viii	Mono C-Si PERC Modules	SGE485-132MHC, (485 Wp)	SGE545-144MHC	21.10	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			SGE550-144MHC	21.29									
			SGE470-132MHC	19.78									
			SGE475-132MHC	20.01									
			SGE480-132MHC	20.23									
			SGE485-132MHC	20.41									
SGE490-132MHC	20.63												
SGE495-132MHC	20.84												
SGE500-132MHC	21.05												
SGE420-120MHC	19.37												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ix	Mono C-Si PERC Modules	SGE440-120MHC, (440 Wp)	SGE425-120MHC	19.60	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE430-120MHC	19.83				
								SGE435-120MHC	20.06				
								SGE440-120MHC	20.29				
								SGE445-120MHC	20.52				
								SGE450-120MHC	20.76				
					x	Mono C-Si PERC Modules	SGE395-108MHC, (395 Wp)	SGE455-120MHC	20.99	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								SGE380-108MHC	19.44				
								SGE385-108MHC	19.69				
								SGE390-108MHC	19.95				
								SGE395-108MHC	20.20				
								SGE400-108MHC	20.46				
					xi	Mono C-Si PERC Modules	SGE 395-72M, (395 Wp)	SGE405-108MHC	20.71	72 (Full Cell)	1500	10.03.2023	09.03.2027
								SGE410-108MHC	20.98				
								SGE 385-72M	19.22				
								SGE 390-72M	19.47				
								SGE 395-72M	19.72				
								SGE 400-72M	19.97				
5	Navitas Green Solutions Pvt. Ltd.	Plot No. B-20/3, Road No. 13, 14, Palsana-Baleswar Rd, Hoziwala Industrial Estate, Sachin, Surat-394230, Gujarat	R-72003140	250	i	Mono C-Si PERC Modules	NSM375 (375 Wp)	NSM370	19.07	72 (Full Cells)	1500	10.03.2023	09.03.2027
								NSM375	19.33				
								NSM380	19.58				
					ii	Mono C-Si PERC Modules	NSM320-60 (320 Wp)	NSM310-60	19.09	60 (Full Cells)	1500	10.03.2023	09.03.2027
								NSM315-60	19.40				
								NSM320-60	19.71				
								NSM325-60	20.02				
								NSM330-60	20.33				
					iii	Mono C-Si PERC Modules	NSM350-66 (350 Wp)	NSM340-66	19.03	66 (Full Cells)	1500	10.03.2023	09.03.2027
								NSM345-66	19.31				
								NSM350-66	19.59				
					iv	Mono PERC C-Si Module	NSM580-156 (580 Wp)	NSM355-66	19.87	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM570-156	20.39				
								NSM575-156	20.57				
					v	Mono PERC C-Si Module	NSM540-144 (540 Wp)	NSM580-156	20.74	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
								NSM585-156	20.92				
								NSM525-144	20.32				
								NSM530-144	20.51				
NSM535-144	20.71												
NSM540-144	20.90												
NSM545-144	21.09												
vi	Mono PERC C-Si Module	NSM500-132 (500 Wp)	NSM550-144	21.29	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM555-144	21.48									
			NSM560-144	21.67									
			NSM480-132	20.21									
			NSM485-132	20.42									
vii	Mono PERC C-Si Module	NSM445-120 (445 Wp)	NSM490-132	20.64	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM495-132	20.85									
			NSM500-132	21.06									
			NSM435-120	20.09									
			NSM440-120	20.33									
viii	Mono PERC C-Si Module	NSM400-108 (400 Wp)	NSM445-120	20.56	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM450-120	20.79									
			NSM455-120	21.02									
			NSM390-108	19.96									
			NSM395-108	20.21									
ix	Mono PERC C-Si Module	NSM360-96 (360 Wp)	NSM400-108	20.47	96 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM405-108	20.72									
			NSM410-108	20.98									
			NSM350-96	20.06									
			NSM355-96	20.35									
x	Mono PERC C-Si Module	NSM270-72 (270 Wp)	NSM360-96	20.64	72 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM365-96	20.92									
			NSM260-72	19.62									
			NSM265-72	20.00									
			NSM270-72	20.38									
xi	Mono PERC C-Si Module	NSM470-156 (470 Wp)	NSM275-72	20.76	156 (Half Cut Cells)	1500	10.03.2023	09.03.2027					
			NSM460-156	19.65									
			NSM465-156	19.86									
			NSM470-156	20.07									
			NSM475-156	20.29									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								NSM480-156	20.50				
								NSM485-156	20.72				
								NSM435-144	20.08				
								NSM440-144	20.32				
					xii	Mono PERC C-Si Module	NSM450-144 (450 Wp)	NSM445-144	20.78	144 (Half Cut Cells)	1500	10.03.2023	09.03.2027
							NSM450-144	20.55					
							NSM455-144	21.01					
							NSM460-144	21.64					
							NSM465-144	21.47					
							NSM395-132	19.85					
					xiii	Mono PERC C-Si Module	NSM405-132 (405 Wp)	NSM400-132	20.10	132 (Half Cut Cells)	1500	10.03.2023	09.03.2027
							NSM405-132	20.35					
							NSM410-132	20.60					
							NSM415-132	20.85					
							NSM360-120	19.84					
							NSM365-120	20.11					
					xiv	Mono PERC C-Si Module	NSM370-120 (370 Wp)	NSM370-120	20.39	120 (Half Cut Cells)	1500	10.03.2023	09.03.2027
							NSM375-120	20.66					
							NSM320-108	19.52					
							NSM325-108	19.82					
					xv	Mono PERC C-Si Module	NSM330-108 (330 Wp)	NSM330-108	20.13	108 (Half Cut Cells)	1500	10.03.2023	09.03.2027
							NSM335-108	20.43					
							NSM340-108	20.74					
							NSM285-96	19.47					
					xvi	Mono PERC C-Si Module	NSM290-96 (290 Wp)	NSM290-96	19.81	96 (Half Cut Cells)	1500	10.03.2023	09.03.2027
							NSM295-96	20.15					
							NSM300-96	20.49					
							NSM215-72	19.32					
					xvii	Mono PERC C-Si Module	NSM220-72 (220 Wp)	NSM220-72	19.77	72 (Half Cut Cells)	1500	10.03.2023	09.03.2027
							NSM225-72	20.22					
							NSM385	19.40					
					xviii	Mono PERC C-Si Module	NSM395 (395 Wp)	NSM395	19.65	72 (Full Cells)	1500	10.03.2023	09.03.2027
							NSM395	19.90					
							NSM400	20.15					
							JH-420M	19.26					
6	Jakson Engineers Ltd.	Plot No-25, Ecotech-III, Udyog Kendra, Greater NOIDA-201306, Gautam Budha Nagar, Uttar Pradesh, India.	R-93005959	500				JH-425M	19.49	120 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
					i	Mono C-Si PERC Modules	JH-440M, (440Wp)	JH-430M	19.71				
							JH-435M	19.94					
							JH-440M	20.17					
							JH-445M	20.40					
							JH-450M	20.63					
							JH-455M	20.86					
							JH-460M	21.09					
							JH-470M	19.66					
							JH-475M	19.87					
							JH-480M	20.08					
					ii	Mono C-Si PERC Modules	JH-490M, (490Wp)	JH-485M	20.29				
							JH-490M	20.50					
							JH-495M	20.71					
							JH-500M	20.92					
							JH-505M	21.13					
							JH-510M	21.34					
							JH-515M	19.85					
							JH-520M	20.04					
							JH-525M	20.23					
					iii	Mono C-Si PERC Modules	JH-535M, (535Wp)	JH-530M	20.43	144 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
							JH-535M	20.62					
							JH-540M	20.81					
							JH-545M	21.00					
							JH-550M	21.20					
							JH-555M	21.39					
							JH-580M	20.67					
							JH-585M	20.85					
					iv	Mono C-Si PERC Modules	JH-580M, (580Wp)	JH-590M	21.03	156 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
							JH-595M	21.21					
							JH-600M	21.38					
							JP-H385M	19.37					
							JP-H390M	19.62					
							JP-H395M	19.87					
					v	Mono C-Si PERC Modules	JP-H395M, (385Wp-405Wp)	JP-H400M	20.12	72 (Full Cells)	1500	17.08.2023	16.08.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vi	Mono C-Si PERC Modules	JH-400M, (400Wp)	JH-H405M	20.37	108 (Half-Cut Cells)	1500	17.08.2023	16.08.2027
				JH-380M				19.28					
				JH-385M				19.53					
				JH-390M				19.79					
				JH-395M				20.04					
				JH-400M				20.29					
				JH-405M				20.55					
				JH-410M				20.88					
				JH-415M				21.06					
				JH-380BB				19.48					
				JH-385BB	19.73								
				JH-390BB	19.99								
				JH-395BB	20.25								
				JH-400BB	20.50								
				JH-405BB	20.76								
				JH-410BB	21.01								
				JH-415BB	21.27								
				JH-420BB	19.39								
				JH-425BB	19.62								
				JH-430BB	19.85								
				JH-435BB	20.08								
				JH-440BB	20.31								
				JH-445BB	20.54								
				JH-450BB	20.77								
				JH-455BB	21.00								
				JH-460BB	21.23								
				JH-475BB	20.02								
				JH-480BB	20.23								
				JH-485BB	20.44								
				JH-490BB	20.65								
				JH-495BB	20.86								
				JH-500BB	21.07								
				JH-505BB	21.29								
				JH-510BB	21.50								
				JH-515BB	21.71								
				JH-520BB	20.15								
				JH-525BB	20.34								
				JH-530BB	20.53								
				JH-535BB	20.73								
				JH-540BB	20.92								
				JH-545BB	21.11								
				JH-550BB	21.31								
				JH-555BB	21.50								
				JH-380BT	19.48								
				JH-385BT	19.73								
				JH-390BT	19.99								
				JH-395BT	20.25								
				JH-400BT	20.50								
				JH-405BT	20.76								
				JH-410BT	21.01								
				JH-415BT	21.27								
				JH-420BT	19.39								
				JH-425BT	19.62								
				JH-430BT	19.85								
				JH-435BT	20.08								
				JH-440BT	20.31								
				JH-445BT	20.54								
				JH-450BT	20.77								
				JH-455BT	21.00								
				JH-460BT	21.23								
				JH-475BT	20.02								
				JH-480BT	20.23								
				JH-485BT	20.44								
				JH-490BT	20.65								
				JH-495BT	20.86								
				JH-500BT	21.07								
				JH-505BT	21.29								
				JH-510BT	21.50								
				JH-515BT	21.71								
				JH-520BT	20.15								
				JH-525BT	20.34								
				JH-530BT	20.53								

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xiv	Mono c-Si Bifacial PERC Module	JH-535BT	JH-535BT	20.73	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-540BT	20.92				
								JH-545BT	21.11				
								JH-550BT	21.31				
					xv	Mono c-Si Bifacial PERC Module	JH-400BW	JH-555BT	21.50	108 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-380BW	19.48				
								JH-385BW	19.73				
								JH-390BW	19.99				
								JH-395BW	20.25				
								JH-400BW	20.50				
								JH-405BW	20.76				
								JH-410BW	21.01				
					xvi	Mono c-Si Bifacial PERC Module	JH-440BW	JH-415BW	21.27	120 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-420BW	19.39				
								JH-425BW	19.62				
								JH-430BW	19.85				
								JH-435BW	20.08				
								JH-440BW	20.31				
								JH-445BW	20.54				
								JH-450BW	20.77				
					xvii	Mono c-Si Bifacial PERC Module	JH-490BW	JH-455BW	21.00	132 (Half Cut Cells)	1500	17.08.2023	16.08.2027
								JH-460BW	21.23				
								JH-475BW	20.02				
								JH-480BW	20.23				
								JH-485BW	20.44				
								JH-490BW	20.65				
								JH-495BW	20.86				
								JH-500BW	21.07				
xviii	Mono c-Si Bifacial PERC Module	JH-535BW	JH-505BW	21.29	144 (Half Cut Cells)	1500	17.08.2023	16.08.2027					
			JH-510BW	21.50									
			JH-515BW	21.71									
			JH-520BW	20.15									
			JH-525BW	20.34									
			JH-530BW	20.53									
			JH-535BW	20.73									
			JH-540BW	20.92									
7	Insolation Energy Pvt. Ltd	Khasra No 766/2, Vill-Bagwara, Teh-Amer Jaipur, Rajasthan	R-84002330	174	i	Mono c-Si PERC Module	INA72MP375	INA72MP375	19.23	72 (Full Cells)	1500	29.09.2023	28.09.2027
								JH-545BW	21.11				
					ii	Mono c-Si PERC Module	INA72MP385	JH-550BW	21.31	72 (Full Cells)	1500	29.09.2023	28.09.2027
								JH-555BW	21.50				
8	Gautam Solar Pvt. Ltd.	Plot No-67-70, Sector-8A IIE, Sidcul Haridwar- 249403, Uttarakhand	R-83006041	319	i	Mono c-Si PERC Modules	G2XBifacial1767-HAE (590 Wp) (565Wp-595Wp)	INA72MP380	19.05	156 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2XBifacial1734-HAE	20.20				
								G2XBifacial1741-HAE	20.38				
								G2XBifacial1747-HAE	20.56				
								G2XBifacial1754-HAE	20.74				
								G2XBifacial1760-HAE	20.92				
								G2XBifacial1767-HAE	21.10				
								G2XBifacial1773-HAE	21.28				
					ii	Mono c-Si PERC Modules	G2XBifacial1695-HAD (535 Wp) (510Wp-550Wp)	G2XBifacial1663-HAD	19.74	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2XBifacial1669-HAD	19.94				
								G2XBifacial1676-HAD	20.13				
								G2XBifacial1682-HAD	20.32				
								G2XBifacial1689-HAD	20.52				
								G2XBifacial1695-HAD	20.71				
								G2XBifacial1702-HAD	20.90				
								G2XBifacial1708-HAD	21.10				
					iii	Mono c-Si PERC Modules	G2XBifacial1643-HAB (495 Wp) (485Wp-505Wp)	G2XBifacial1715-HAD	21.29	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2XBifacial1715-HAD	21.13				
								G2XBifacial1656-HAB	20.92				
								G2XBifacial1650-HAB	20.71				
								G2XBifacial1643-HAB	20.50				
								G2XBifacial1637-HAB	20.29				
								G2XBifacial1630-HAB	21.09				
								G2XBifacial1598-HAA	20.87				
					iv	Mono c-Si PERC Modules	G2XBifacial1585-HAA (450 Wp) (440Wp-460Wp)	G2XBifacial1591-HAA	20.64	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
								G2XBifacial1591-HAA	20.87				
								G2XBifacial1585-HAA	20.41				
								G2XBifacial1578-HAA	20.18				
G2XBifacial1572-HAA	20.18												
G2XBifacial1539-HAY	21.06												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					v	Mono c-Si PERC Modules	G2XBifacial1526-HAY (405 Wp) (390Wp-415Wp)	G2XBifacial1533-HAY G2XBifacial1526-HAY G2XBifacial1520-HAY G2XBifacial1507-HAY G2XBifacial1474-HAX	20.80 20.55 20.30 19.79 20.71	108 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					vi	Mono c-Si PERC Modules	G2XBifacial1468-HAX (360 Wp) (365Wp-350Wp)	G2XBifacial1468-HAX G2XBifacial1461-HAX G2XBifacial1455-HAX	20.43 20.14 19.86	96 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					vii	Mono c-Si PERC Modules	G2X590-HAE (590 Wp)	G2X565-HAE G2X570-HAE G2X575-HAE G2X580-HAE G2X585-HAE G2X590-HAE G2X595-HAE	20.20 20.38 20.56 20.74 20.92 21.10 21.28	156 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					viii	Mono c-Si PERC Modules	G2X530-HAD (530 Wp)	G2X510-HAD G2X515-HAD G2X520-HAD G2X525-HAD G2X530-HAD G2X535-HAD G2X540-HAD G2X545-HAD G2X550-HAD G2X505-HAB	19.74 19.94 20.13 20.32 20.52 20.71 20.90 21.10 21.29 21.13	144 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					ix	Mono c-Si PERC Modules	G2X495-HAB (495 Wp)	G2X500-HAB G2X495-HAB G2X490-HAB G2X485-HAB G2X460-HAA G2X455-HAA G2X450-HAA G2X445-HAA G2X440-HAA	20.92 20.71 20.50 20.29 21.09 20.87 20.64 20.41 20.18	132 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					x	Mono c-Si PERC Modules	G2X450-HAA (450 Wp)	G2X415-HAY G2X410-HAY G2X405-HAY G2X400-HAY G2X390-HAY G2X365-HAX G2X360-HAX G2X355-HAX G2X350-HAX	21.06 20.80 20.55 20.30 19.79 20.71 20.43 20.14 19.86	120 (Half Cut Cells)	1500	29.09.2023	28.09.2027
					xi	Mono c-Si PERC Modules	G2X405-HAY (405 Wp)	GS-410-AAA GS-415-AAA GS-420-AAA GS-425-AAA GS-430-AAA	19.03 19.26 19.49 19.72 19.95	78 (Full Cells)	1500	29.09.2023	28.09.2027
					xii	Mono c-Si PERC Modules	GS-420-AAA (420 Wp)	GS-380-AAB GS-385-AAB GS-390-AAB GS-395-AAB GS-400-AAB GS-405-AAB GS-410-AAB GS-415-AAB GS-420-AAB GS-350-AAC GS-355-AAC GS-360-AAC GS-365-AAC GS-320-AAD GS-325-AAD GS-330-AAD GS-335-AAD GS-290-AAE GS-295-AAE	19.13 19.39 19.64 19.89 20.14 20.39 20.64 20.90 21.15 19.13 19.40 19.67 19.95 19.16 19.46 19.76 20.06 19.21 19.54	72 (Full Cells)	1500	29.09.2023	28.09.2027
					xiii	Mono c-Si PERC Modules	GS-400-AAB (400 Wp)	GS-360-AAC GS-365-AAC GS-320-AAD GS-325-AAD GS-330-AAD GS-335-AAD GS-290-AAE GS-295-AAE	19.40 19.67 19.95 19.16 19.46 19.76 20.06 19.21 19.54	66 (Full Cells)	1500	29.09.2023	28.09.2027
					xiv	Mono c-Si PERC Modules	GS-360-AAC (360 Wp)	GS-350-AAC GS-355-AAC GS-360-AAC GS-365-AAC GS-320-AAD GS-325-AAD GS-330-AAD GS-335-AAD GS-290-AAE GS-295-AAE	19.13 19.40 19.67 19.95 19.16 19.46 19.76 20.06 19.21 19.54	60 (Full Cells)	1500	29.09.2023	28.09.2027
					xv	Mono c-Si PERC Modules	GS-330-AAD (330 Wp)	GS-290-AAE GS-295-AAE	19.21 19.54	54 (Full Cells)	1500	29.09.2023	28.09.2027
					xvi	Mono c-Si PERC Modules	GS-295-AAE (295 Wp)	GS-290-AAE GS-295-AAE	19.21 19.54	54 (Full Cells)	1500	29.09.2023	28.09.2027



S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								GS-300-AAE	19.87				
					xviii	Mono c-Si PERC Modules	GS-260-AAF (260 Wp)	GS-260-AAF	19.26	48 (Full Cells)	1500	29.09.2023	28.09.2027
								GS-265-AAF	19.63				
					xix	Mono c-Si PERC Modules	GS-230-AAG (230 Wp)	GS-230-AAG	19.33	42 (Full Cells)	1500	29.09.2023	28.09.2027
								GS-195-AAH	19.26				
					xx	Mono c-Si PERC Modules	GS-200-AAH (200 Wp)	GS-200-AAH	19.75	36 (Full Cells)	1500	29.09.2023	28.09.2027
								GS-205-AAH	20.25				
								GS-210-AAH	20.74				
9	Novasys Greenergy Pvt. Ltd	Khasra No. 185, Mouza: Mahalgaon, Tehsil: Kamptee, Nagpur-441202, Maharashtra	R-71010499	261	i	Mono c-Si PERC Modules	NOVA195MP36 (195Wp)	NOVA195MP36	19.4	36 (Full Cell)	1500	24.02.2024	23.02.2028
					ii	Mono c-Si PERC Modules	NOVA250MP48 (250Wp)	NOVA255MP48	19.2	48 (Full Cell)	1500	24.02.2024	23.02.2028
								NOVA260MP48	19.6				
								NOVA315MP60	19.2				
					iii	Mono c-Si PERC Modules	NOVA320MP60 (320Wp)	NOVA320MP60	19.5	60 (Full Cell)	1500	24.02.2024	23.02.2028
								NOVA325MP60	19.8				
								NOVA330MP60	20.1				
								NOVA340MP66	19				
					iv	Mono c-Si PERC Modules	NOVA350MP66 (350Wp)	NOVA345MP66	19.3	66 (Full Cell)	1500	24.02.2024	23.02.2028
								NOVA350MP66	19.6				
								NOVA355MP66	19.9				
								NOVA360MP66	20.1				
					v	Mono c-Si PERC Modules	NOVA290MP54 (290Wp)	NOVA285MP54	19.2	54 (Full Cell)	1500	24.02.2024	23.02.2028
								NOVA290MP54	19.5				
								NOVA295MP54	19.9				
					vi	Mono c-Si PERC Modules	NOVA380MP72 (380Wp)	NOVA380MP72	19.14	72 (Full Cells)	1500	24.02.2024	23.02.2028
								NOVA385MP72	19.4				
								NOVA390MP72	19.65				
								NOVA395MP72	19.9				
					vii	Mono c-Si PERC Modules	NOVA380MP144 (380Wp)	NOVA380MP144	19	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								NOVA385MP144	19.3				
								NOVA390MP144	19.5				
								NOVA395MP144	19.8				
					viii	Mono c-Si PERC Modules	NOVA350MP96 (350 Wp)	NOVA335MP96	19.06	96 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								NOVA340MP96	19.35				
								NOVA345MP96	19.63				
								NOVA350MP96	19.92				
								NOVA355MP96	20.21				
								NOVA360MP96	20.5				
								NOVA365MP96	20.78				
					ix	Mono c-Si PERC Modules	NOVA265MP72 (265 Wp)	NOVA255MP72	19.06	72 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								NOVA260MP72	19.45				
								NOVA265MP72	19.81				
								NOVA270MP72	20.19				
								NOVA275MP72	20.57				
								NOVA375MP108	19.11				
					x	Mono c-Si PERC Modules	NOVA390MP108 (390 Wp)	NOVA380MP108	19.37	108 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								NOVA385MP108	19.63				
								NOVA390MP108	19.88				
								NOVA395MP108	20.14				
								NOVA400MP108	20.4				
								NOVA405MP108	20.66				
					xi	Mono c-Si PERC Modules	NOVA415MP108 (415 Wp)	NOVA410MP108	20.91	108 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								NOVA415MP108	21.17				
								NOVA415MP120	19.11				
								NOVA420MP120	19.34				
					xii	Mono c-Si PERC Modules	NOVA435MP120 (435 Wp)	NOVA425MP120	19.57	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								NOVA430MP120	19.8				
								NOVA435MP120	20.03				
								NOVA440MP120	20.26				
								NOVA445MP120	20.49				
								NOVA450MP120	20.72				
								NOVA455MP120	20.95				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity		
												From	To (subject to valid BIS Registration; else deemed to be delisted)	
					xiii	Mono c-Si PERC Modules	NOVA460MP 120 (460 Wp)	NOVA460MP 120	21.18	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028	
					xiv	Mono c-Si PERC Modules	NOVA475MP132 (475 Wp)	NOVA455MP132	19.2	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028	
				NOVA460MP132				19.41						
				NOVA465MP132				19.62						
				NOVA470MP132				19.83						
				NOVA475MP132				20.04						
				NOVA480MP132				20.25						
				NOVA485MP132				20.46						
				NOVA490MP132				20.67						
				NOVA495MP132	20.89									
					xv	Mono c-Si PERC Modules	NOVA500MP132 (500 Wp)	NOVA500MP132	21.1	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028	
					xvi	Mono c-Si PERC Modules	NOVA520MP144 (520 Wp)	NOVA505MP132	21.31	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028	
				NOVA495MP144				19.16						
				NOVA500MP144				19.35						
				NOVA505MP144				19.54						
				NOVA510MP144				19.74						
				NOVA515MP144				19.94						
				NOVA520MP144				20.13						
				NOVA525MP144				20.31						
				NOVA530MP144				20.51						
				NOVA535MP144				20.7						
				NOVA540MP144	20.89									
					xvii	Mono c-Si PERC Modules	NOVA550MP144 (550Wp)	NOVA550MP144	21.28	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028	
10	M/s. Pahal Solar	189, Block No.-71, Olpad Sayan Road, Atodara, Olpad Surat-394540, Gujarat	R-72001848	306	i	Mono c-Si PERC Modules	PS_540 (540Wp)	PS_550	21.29	144 (Half Cut Cell)	1500	24.02.2024	23.02.2028	
				PS_545				21.09						
				PS_540				20.9						
				PS_535				20.71						
				PS_530				20.51						
				PS_525	20.32									
				ii	Mono c-Si PERC Modules	PS_500 (500Wp)	PS_500	19.35	132 (Half Cut Cell)	1500	24.02.2024	23.02.2028		
					iii	Mono c-Si PERC Modules	PS_445 (445Wp)	PS_495	19.16	144 (Half Cut Cell)	1500	24.02.2024	23.02.2028	
				PS_445				20.37						
				PS_440				20.14						
				PS_435				19.91						
				PS_430	19.68									
				iv	Mono c-Si PERC Modules	PS_415 (415 Wp)	PS_415	19	132 (Half Cut Cell)	1500	24.02.2024	23.02.2028		
				v	Mono c-Si PERC Modules	PS_370 (370 Wp)	PS_380	19.53	132 (Half Cut Cell)	1500	24.02.2024	23.02.2028		
							PS_375	19.28						
							PS_370	19.02						
11	Pixon Green Energy Pvt. Ltd.	R.S. No. 157/1, 158/1, 158/2, 165/1, 166 of Khijadiya Nana, R.S. No. 15/1 of Depaliya, Padadhari, Rajkot Gujarat 360110	R-72004570	200	i	Mono c-Si PERC Modules	PIX MP3 72 390 (390 Wp)	PIX MP3 72 380	19.14	72 (Full Cells)	1500	24.02.2024	23.02.2028	
				PIX MP3 72 385				19.4						
				PIX MP3 72 390				19.65						
				PIX MP3 72 395				19.9						
				PIX MP3 72 400				20.15						
12	Alpex Solar Pvt. Ltd.	Plot No. I-25 & I-26, UPSIDC, Site-5, Kasna, Greater Noida, Uttar Pradesh-201306	R-93007480	248	i	MONO C-Si PERC Modules.	ALP380WM, (380Wp-385Wp)	ALP380WM (380 Wp)	19.38	72 (Full Cells)	1500	24.01.2024	23.01.2028	
				ALP385WM (385 Wp)				19.64						
13	Vikram Solar Ltd.	B1000A, B1100C, Indospace Industrial Park, Panruti Pvt. Ltd., Survey No-2/A, Sriperumbudur Taluk, Panaiyur Village, Kanchipuram-603302, Tamil Nadu	R-61002070	1099	i	Mono c-Si PERC Modules	SOMERA VSMH.72.550.05 (550 Wp)	SOMERA VSMH.72.555.05	21.52	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028	
									SOMERA VSMH.72.550.05					21.33
									SOMERA VSMH.72.545.05					21.13
									SOMERA VSMH.72.540.05					20.94
						ii	Mono c-Si PERC Modules	SOMERA VSMH.60.455.05 (455 Wp)	SOMERA VSMH.60.460.05	21.28	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
									SOMERA VSMH.60.455.05	21.05				
									SOMERA VSMH.60.450.05	20.82				
									SOMERA VSMH.60.445.05	20.59				
						iii	Bifacial Mono c-Si PERC Modules	PARADEA VSMDH.72.545.05 (545 Wp)	PARADEA VSMDH.72.550.05	21.33	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
									PARADEA VSMDH.72.545.05	21.13				
									PARADEA VSMDH.72.540.05	20.94				
									PARADEA VSMDH.72.535.05	20.75				
						iv	Mono c-Si PERC Modules	PREXOS VSM DHT.72.535.05 (535 Wp)	PREXOS VSM DHT.72.535.05	20.75	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
									PREXOS VSM DHT.72.530.05	20.55				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity																									
												From	To (subject to valid BIS Registration; else deemed to be delisted)																								
					v	Bifacial Mono c-Si PERC Modules	PARADEA VSM DH.66.650.05 (650 Wp)	PARADEA VSM DH.66.660.05	21.25	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028																								
								PARADEA VSM DH.66.655.05	21.09																												
								PARADEA VSM DH.66.650.05	20.92																												
								PARADEA VSM DH.66.645.05	20.76																												
								PARADEA VSM DH.66.640.05	20.60																												
								PARADEA VSM DH.66.635.05	20.44																												
					vi	Bifacial Mono c-Si PERC Modules	PARADEA VSM DH.60.590.05 (590 Wp)	PARADEA VSM DH.60.600.05	21.20	120(Half Cut Cells)	1500	24.02.2024	23.02.2028																								
								PARADEA VSM DH.60.595.05	21.02																												
								PARADEA VSM DH.60.590.05	20.85																												
								PARADEA VSM DH.60.585.05	20.67																												
								PARADEA VSM DH.60.580.05	20.50																												
								PARADEA VSM DH.60.575.05	20.33																												
					vii	Mono c-Si PERC Modules	SOMERA VSM H.66.655.05 (655 Wp)	SOMERA VSM H.66.670.05	21.57	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028																								
								SOMERA VSM H.66.665.05	21.41																												
								SOMERA VSM H.66.660.05	21.25																												
								SOMERA VSM H.66.655.05	21.09																												
								SOMERA VSM H.66.650.05	20.92																												
								SOMERA VSM H.66.645.05	20.76																												
					viii	Mono c-Si PERC Modules	SOMERA VSM H.60.600.05 (600 Wp)	SOMERA VSM H.60.610.05	21.55	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028																								
								SOMERA VSM H.60.605.05	21.38																												
SOMERA VSM H.60.600.05	21.20																																				
SOMERA VSM H.60.595.05	21.02																																				
SOMERA VSM H.60.590.05	20.85																																				
SOMERA VSM H.60.585.05	20.67																																				
ix	Mono c-Si PERC Modules	SOMERA VSM H.72.450.05 (450 Wp)	SOMERA VSM H.60.580.05	20.49	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028																													
			SOMERA VSM H.72.455.05	20.46																																	
			SOMERA VSM H.72.450.05	20.23																																	
			SOMERA VSM H.72.445.05	20.01																																	
			SOMERA VSM H.72.440.05	19.79																																	
			SOMERA VSM H.72.435.05	19.57																																	
14	M/s. Contendre Greenergy Pvt. Ltd.	Unit No: I/6, Rajlaxmi HiTech Industrial Park, Sonale Village, Bhiwandi-421302, Maharashtra	R-71013196	49	i	Mono c-Si PERC Modules	CG MB72-405 (405 Wp)	CG MB72-395	19.17	72 (Full Cells)	1500	10.04.2024	09.04.2028																								
								CG MB72-400	19.41																												
								CG MB72-405	19.66																												
								CG MB72-410	19.90																												
								CG MB72-415	20.14																												
								CG-X144-500	19.04																												
								CG-X144-505	19.24																												
								CG-X144-510	19.43																												
								CG-X144-515	19.62																												
								CG-X144-520	19.81																												
	Co-ALMM with M/s. Credence Solar Panels Private Limited	R-72008656	30 (As per Co-Branding Agreement)	ii	Mono c-Si PERC Module	CG-X144-525 (525 Wp)	CG-X144-525	20.00	144 (Half Cut Cells)	1500	10.04.2024	24.01.2025																									
							CG-X144-530	20.19																													
							CG-X144-535	20.38																													
							CG-X144-540	20.57																													
							CG-X144-545	20.76																													
							CG-X144-550	20.95																													
							M/s. ECE (India) Energies Pvt. Ltd.	F-27, Express Highway, MIDC, Amravati-444607, Maharashtra, India.					R-71012220	40	i	Mono c-Si PERC Module	ECE060M310 (310Wp)	ECE060M310	19.19	60 (Full Cells)	1500	10.04.2024	09.04.2028														
																		ii	Mono c-Si PERC Module					ECE060M340 (340Wp)	ECE060M340	19.23	66 (Full Cells)	1500	10.04.2024	09.04.2028							
																									iii	Mono c-Si PERC Module					ECE060M370 (370Wp)	ECE060M370	19.17	72 (Full Cells)	1500	10.04.2024	09.04.2028
																																iv	Mono c-Si PERC Module				
ECE072M220	19.77																																				
ECE072M225	20.22																																				
ECE072M260	19.62																																				
ECE072M265	20.00																																				
ECE072M270	20.38																																				
ECE072M275	20.76																																				
v	Mono c-Si PERC Module	ECE072M270 (270 Wp)	ECE096M285	19.42	72 (Half Cut Cells)	1500	10.04.2024	28.05.2025																													
			ECE096M290	19.81																																	
			ECE096M295	20.15																																	
vi	Mono c-Si PERC Module	ECE096M295 (295 Wp)	ECE096M300	20.49	96 (Half Cut Cells)	1500	10.04.2024	28.05.2025																													
			ECE096M350	20.06																																	
			ECE096M355	20.35																																	
vii	Mono c-Si PERC Module	ECE096M360 (360 Wp)	ECE096M360	20.64	96 (Half Cut Cells)	1500	10.04.2024	28.05.2025																													
			ECE096M365	20.92																																	
			ECE108M320	19.52																																	
viii	Mono c-Si PERC Module	ECE108M330 (330 Wp)	ECE108M325	19.82	108 (Half Cut Cells)	1500	10.04.2024	28.05.2025																													
			ECE108M330	20.13																																	
			ECE108M335	20.43																																	

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ix	Mono c-Si PERC Module	ECE108M400 (400 Wp)	ECE108M340	20.74	108 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE108M390	19.96				
								ECE108M395	20.21				
								ECE108M400	20.47				
								ECE108M405	20.72				
								ECE108M410	20.98				
					x	Mono c-Si PERC Module	ECE120M370 (370 Wp)	ECE120M360	19.84	120 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE120M365	20.11				
								ECE120M370	20.39				
								ECE120M375	20.66				
					xi	Mono c-Si PERC Module	ECE120M445 (445 Wp)	ECE120M435	20.10	120 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE120M440	20.33				
								ECE120M445	20.56				
								ECE120M450	20.79				
					xii	Mono c-Si PERC Module	ECE132M405 (405 Wp)	ECE120M455	21.02	132 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE132M395	19.85				
								ECE132M400	20.10				
								ECE132M405	20.35				
					xiii	Mono c-Si PERC Module	ECE132M405 (405 Wp)	ECE132M410	20.06	132 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE132M415	20.85				
								ECE132M480	20.22				
								ECE132M485	20.43				
					xiv	Mono c-Si PERC Module	ECE144M450 (450 Wp)	ECE132M495	20.85	144 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE144M435	20.09				
								ECE144M440	20.32				
								ECE144M445	20.55				
					xv	Mono c-Si PERC Module	ECE144M450 (450 Wp)	ECE144M455	21.01	144 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE144M460	21.24				
								ECE144M465	21.48				
								ECE144M525	20.32				
					xvi	Mono c-Si PERC Module	ECE144M545 (545 Wp)	ECE144M530	20.51	144 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE144M535	20.71				
								ECE144M540	20.90				
								ECE144M545	21.09				
					xvii	Mono c-Si PERC Module	ECE144M550 (545 Wp)	ECE144M555	21.29	144 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE144M560	21.67				
								ECE156M460	19.30				
								ECE156M465	19.51				
					xviii	Mono c-Si PERC Module	ECE156M470 (470 Wp)	ECE156M475	19.93	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE156M480	20.14				
								ECE156M485	20.35				
								ECE156M570	20.39				
					xix	Mono c-Si PERC Module	ECE156M580 (580 Wp)	ECE156M575	20.57	156 (Half Cut Cells)	1500	10.04.2024	28.05.2025
								ECE156M580	20.74				
								ECE156M585	20.92				
								RGE300W72	15.54				
					RGE 305W72	15.71							
					RGE 310W72	15.98							
					RGE 315W72	16.23							
ii	Multi C-Si Modules	RGE 320W/72, (310Wp)	RGE 320W72	16.58	72 (Full Cells)	1000	04.03.2022	03.03.2024					
			RGE 325W72	16.74									
			RGE 330W72	17									
			RGE 335W/72	17.26									
iii	Multi C-Si Modules	RGE 335W/72, (335Wp)	RGE 340W/72	17.52	72 (Full Cells)	1000	04.03.2022	03.03.2024					
			RGE 345W72	17.78									
			RGE290W66F	14.95									
			RGE295W66F	15.2									
iv	Multi C-Si Modules	RGE305W66F, (305Wp)	RGE300W66F	15.46	66 (Full Cells)	1000	04.03.2022	03.03.2024					
			RGE305W66F	15.72									
			RGE310W66F	15.98									
			RGE315W66F	16.23									
v	Multi C-Si Modules	RGE 255W60F, (255Wp)	RGE320W66F	16.49	60 (Full Cells)	1000	04.03.2022	03.03.2024					
			RGE 250W60F	15.46									
			RGE 255W60F	15.71									
			RGE 260W60F	16.1									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					v	Multi C-Si Modules	RGE 270W60F, (270Wp)	RGE 270W60F RGE 275W60F RGE 280W60F	16.63 16.93 17.28	60 (Full Cells)	1000	04.03.2022	03.03.2024
					vi	Multi C-Si Modules	RGE 230W54F, (230Wp)	RGE 225W54F RGE 230W54F RGE 235W54F	16.07 16.48 16.79	54 (Full Cells)	1000	04.03.2022	03.03.2024
					vii	Multi C-Si Modules	RGE 245W54F, (245Wp)	RGE 240W54F RGE 245W54F RGE 250W54F	17.14 17.55 17.86	54 (Full Cells)	1000	04.03.2022	03.03.2024
					viii	Multi C-Si Modules	RGE 205W48F, (205Wp)	RGE 200W48F RGE 205W48F RGE 210W48F	15.62 15.45 15.79	48 (Full Cells)	1000	04.03.2022	03.03.2024
					ix	Multi C-Si Modules	RGE 220W48F, (220Wp)	RGE 215W48F RGE 220W48F RGE 225W48F	16.17 16.58 16.92	48 (Full Cells)	1000	04.03.2022	03.03.2024
					x	Multi C-Si Modules	RGE 40W36C, (40Wp)	RGE 40W36C	14.39	36 (Cut Cells)	600	04.03.2022	03.03.2024
					xi	Multi C-Si Modules	RGE 50W36C, (50Wp)	RGE 50W36C	14.76	36 (Cut Cells)	600	04.03.2022	03.03.2024
					xii	Multi C-Si Modules	RGE 55W36C, (55Wp)	RGE 55W36C	13.24	36 (Cut Cells)	600	04.03.2022	03.03.2024
					xiii	Multi C-Si Modules	RGE 60W36C, (60Wp)	RGE 60W36C	14.44	36 (Cut Cells)	600	04.03.2022	03.03.2024
					xiv	Multi C-Si Modules	RGE 75W36C, (75Wp)	RGE 75W36C	15.23	36 (Cut Cells)	600	04.03.2022	03.03.2024
					xv	Multi C-Si Modules	RGE 80W36C, (80Wp)	RGE 80W36C	14.93	36 (Cut Cells)	600	04.03.2022	03.03.2024
					xvi	Multi C-Si Modules	RGE 100W36C, (100Wp)	RGE 100W36C	15	36 (Cut Cells)	600	04.03.2022	03.03.2024
					xvii	Multi C-Si Modules	RGE 110W36, (110Wp)	RGE 110W36	16.5	36 (Cut Cells)	600	04.03.2022	03.03.2024
					xviii	Multi C-Si Modules	RGE125W36C, (125Wp)	RGE120W36C RGE125W36C RGE 150W36F	14.68 15.23 15.13	36 (Cut Cells)	600	04.03.2022	03.03.2024
					xix	Multi C-Si Modules	RGE 155W36F, (155Wp)	RGE 155W36F	15.7	36 (Full Cells)	1000	04.03.2022	03.03.2024
					xx	Multi C-Si Modules	RGE 165W36F, (165Wp)	RGE 160W36F RGE 165W36F	16.2 16.71	36 (Full Cells)	1000	04.03.2022	03.03.2024
					xxi	Mono C-Si PERC Modules	RGE300W54F, (300Wp)	RGE300W54F RGE295W54F RGE270W54F	15.13 14.87 13.61	54 (Full Cells)	1500	04.03.2022	03.03.2024
					xxii	Mono C-Si PERC Modules	RGE280W54F, (280Wp)	RGE275W54F RGE280W54F RGE285W54F RGE290W54F	13.86 14.15 14.36 14.63	54 (Full Cells)	1500	04.03.2022	03.03.2024
					xxiii	Mono C-Si PERC Modules	RGE315W60F, (315Wp)	RGE300W60F RGE305W60F RGE310W60F RGE315W60F RGE320W60F RGE325W60F RGE330W60F	15.12 15.38 15.64 15.91 16.15 16.39 16.63	60 (Full Cells)	1500	04.03.2022	03.03.2024
					xxiv	Mono C-Si PERC Modules	RGE345W66F, (345Wp)	RGE330W66F RGE335W66F RGE340W66F RGE345W66F RGE350W66F RGE355W66F RGE360W66F	16.63 16.92 17.13 17.38 17.65 17.9 18.16	66 (Full Cells)	1500	04.03.2022	03.03.2024
					xxv	Mono C-Si PERC Modules	RGE365W66F, (365Wp)	RGE365W66F	18.41	66 (Full Cells)	1500	04.03.2022	03.03.2024
					xxvi	Mono C-Si PERC Modules	RGE375W72F, (375Wp)	RGE360W72F RGE365W72F RGE370W72F RGE375W72F RGE380W72F RGE385W72F RGE390W72F	18.14 18.39 18.68 18.92 19.19 19.44 19.67	72 (Full Cells)	1500	04.03.2022	03.03.2024
					xxvii	Mono C-Si PERC Modules	RGE400W72F, (400Wp)	RGE395W72F RGE400W72F	19.92 20.19	72 (Full Cells)	1500	04.03.2022	03.03.2024

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxviii	Mono C-Si PERC Modules	RS345WC, (345Wp)	RS330WC	18.94	96 (Half Cut Cells)	1500	04.03.2022	03.03.2024
				RS335WC				19.22					
				RS340WC				19.51					
				RS345WC				19.79					
				xxix	Mono C-Si PERC Modules	RS380WC, (380Wp)	RS350WC	20.07	108 (Half Cut Cells)	1500	04.03.2022	03.03.2024	
							RS355WC	20.34					
							RS360WC	20.67					
							RS370WC	18.93					
				xxx	Mono C-Si PERC Modules	RS400WC, (400Wp)	RS375WC	19.22	108 (Half Cut Cells)	1500	04.03.2022	03.03.2024	
							RS380WC	19.47					
							RS385WC	19.72					
							RS390WC	19.96					
				xxxi	Mono C-Si PERC Modules	RS430WC, (430Wp)	RS395WC	20.22	120 (Half Cut Cells)	1500	04.03.2022	03.03.2024	
							RS400WC	20.47					
							RS405WC	20.75					
							RS410WC	18.96					
							RS415WC	19.2					
							RS420WC	19.44					
							RS425WC	19.67					
							RS430WC	19.88					
							RS435WC	20.12					
							RS440WC	20.37					
				xxxii	Mono C-Si PERC Modules	RS475WC, (475Wp)	RS445WC	20.6	132 (Half Cut Cells)	1500	04.03.2022	03.03.2024	
							RS450WC	20.84					
							RS455WC	19.19					
							RS460WC	19.4					
							RS465WC	19.6					
							RS470WC	19.84					
							RS475WC	20.02					
							RS480WC	20.26					
				xxxiii	Mono C-Si PERC Modules	RS520WC, (520Wp)	RS485WC	20.46	144 (Half Cut Cells)	1500	04.03.2022	03.03.2024	
							RS490WC	20.66					
							RS495WC	20.87					
							RS500WC	19.37					
							RS505WC	19.57					
							RS510WC	19.76					
				xxxiv	Mono PERC C-Si Module	RS555WC (555 Wp)	RS515WC	19.96	144 (Half Cut Cells)	1500	04.03.2022	03.03.2024	
							RS520WC	20.17					
							RS525WC	20.34					
							RS530WC	20.55					
							RS535WC	20.74					
							RS540WC	20.94					
							RS545WC	21.1					
							RS550WC	21.32					
				xxxv	Mono PERC Bifacial C-Si with Transparent Backsheet	RSB530WC (530 Wp)	RS555WC	21.52	144 (Half Cut Cells)	1500	04.03.2022	03.03.2024	
							RS560WC	21.71					
							RSB550WC	21.32					
							RSB545WC	21.13					
							RSB540WC	20.94					
							RSB535WC	20.75					
							RSB530WC	20.56					
							RSB525WC	20.37					
							RSB520WC	20.18					
							RSB515WC	19.99					
				xxxvi	Mono PERC Bifacial C-Si with Transparent Backsheet	RSB480WC (480 Wp)	RSB510WC	19.79	132 (Half Cut Cells)	1500	04.03.2022	03.03.2024	
							RSB505WC	19.56					
							RSB500WC	21.08					
							RSB495WC	20.87					
							RSB490WC	20.66					
							RSB485WC	20.46					
							RSB480WC	20.26					
							RSB475WC	20.02					
							RSB470WC	19.84					
							RSB465WC	19.6					
				RSB460WC	19.4								
					RSB455WC	21.02							
						RSB450WC	20.81						
						RSB445WC	20.58						

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxxvii	Mono PERC Bifacial C-Si with Transparent Backsheet	RSB435WC (435 Wp)	RSB440WC	20.35	120 (Half Cut Cells)	1500	04.03.2022	03.03.2024
								RSB435WC	20.1				
								RSB430WC	19.86				
								RSB425WC	19.65				
								RSB420WC	19.42				
								RSB415WC	19.18				
								RSB410WC	21				
								RSB405WC	20.75				
								RSB400WC	20.47				
								RSB395WC	20.22				
								RSB390WC	19.96				
								RSB385WC	19.72				
					xxxviii	Mono PERC Bifacial C-Si with Transparent Backsheet	RSB390WC (390 Wp)	RSB380WC	19.47	108 (Half Cut Cells)	1500	04.03.2022	03.03.2024
								RSB385WC	19.72				
								RSB390WC	19.96				
								RSB395WC	20.22				
								RSB400WC	20.47				
								RSB405WC	20.75				
								RSB410WC	21				
								RSB415WC	19.18				
								RSB420WC	19.42				
								RSB425WC	19.65				
								RSB430WC	19.86				
								RSB435WC	20.1				
					xxxix	Mono PERC Bifacial C-Si with Glass to Glass	RSG530WC (530 Wp)	RSG550WC	21.08	144 (Half Cut Cells)	1500	04.03.2022	03.03.2024
								RSG545WC	20.87				
								RSG540WC	20.66				
								RSG535WC	20.46				
								RSG530WC	20.26				
								RSG525WC	20.02				
								RSG520WC	19.84				
								RSG515WC	19.6				
								RSG510WC	19.4				
								RSG505WC	21.08				
								RSG500WC	21.08				
								RSG495WC	20.87				
					xL	Mono PERC Bifacial C-Si with Glass to Glass	RSG480WC (480 Wp)	RSG490WC	20.66	132 (Half Cut Cells)	1500	04.03.2022	03.03.2024
								RSG485WC	20.46				
								RSG480WC	20.26				
								RSG475WC	20.02				
								RSG470WC	19.84				
								RSG465WC	19.6				
								RSG460WC	19.4				
								RSG455WC	21.02				
								RSG450WC	20.81				
								RSG445WC	20.58				
								RSG440WC	20.35				
								RSG435WC	20.1				
xLi	Mono PERC Bifacial C-Si with Glass to Glass	RSG435WC (435 Wp)	RSG430WC	19.86	120 (Half Cut Cells)	1500	04.03.2022	03.03.2024					
			RSG425WC	19.65									
			RSG420WC	19.42									
			RSG415WC	19.18									
			RSG410WC	21									
			RSG405WC	20.75									
			RSG400WC	20.47									
			RSG395WC	20.22									
			RSG390WC	19.96									
			RSG385WC	19.72									
			RSG380WC	19.47									
			KE50P	14.43									
17	M/s. Kosol Energie Pvt. Ltd.	Survey No: 415/B, Opp. Super Gas, Village: Bhayla, Bavla-Bagodra Highway, Ta: Bavla, Dist: Ahmedabad-382220, Gujarat, India.	R-72003417	143	i	Multi C-Si Modules.	KE50P, (50Wp)	KE50P	14.43	36 (Cut Cells)	600	04.03.2022	03.03.2024
								KE165P	16.84				
					ii	Multi C-Si Modules.	KE170P, (170Wp)	KE170P	17.35	36 (Full Cells)	600	04.03.2022	03.03.2024
								KE175P	17.86				
					iii	Multi C-Si Modules.	KE215P, (215Wp)	KE205P	15.45	48 (Full Cells)	1500	04.03.2022	03.03.2024
								KE210P	15.83				
KE215P	16.21												
KE220P	16.58												
KE225P	16.96												
KE235P	15.98												
iv	Multi C-Si Modules.	KE245P, (245Wp)	KE240P	16.32	54 (Full Cells)	1500	04.03.2022	03.03.2024					
			KE245P	16.66									
			KE250P	17.01									
			KE255P	17.35									
			KE280P	17.04									
			KE285P	17.34									
v	Multi C-Si Modules.	KE290P, (290Wp)	KE290P	17.65	60 (Full Cells)	1500	04.03.2022	03.03.2024					
			KE295P	17.95									
			KE300P	18.25									
			KE315P	16.23									
			KE320P	16.49									
			KE325P	16.75									
vi	Multi C-Si Modules.	KE325P, (325Wp)	KE330P	17.01	72 (Full Cells)	1500	04.03.2022	03.03.2024					
			KE330P	17.01									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vii	Multi C-Si Modules.	KE325PX, (325Wp)	KE31SPX	15.66	144 (Half-Cut Cells)	1500	04.03.2022	03.03.2024
								KE320PX	15.9				
								KE325PX	16.15				
								KE330PX	16.4				
					viii	Mono C-Si PERC Modules.	KE95M, (95Wp)	KE95M	18.34	36 (Cut Cells)	600	04.03.2022	03.03.2024
								KE180	18.37				
					ix	Mono C-Si PERC Modules.	KE180, (180Wp)	KE180	18.37	36(Full Cells)	600	04.03.2022	03.03.2024
								KE235M	17.71				
					x	Mono C-Si PERC Modules.	KE245M, (245Wp)	KE240M	18.09	48 (Full Cells)	1500	04.03.2022	03.03.2024
								KE245M	18.47				
								KE250M	18.85				
								KE255M	19.22				
								KE265M	18.03				
					xi	Mono C-Si PERC Modules.	KE275M, (275Wp)	KE270M	18.37	54 (Full Cells)	1500	04.03.2022	03.03.2024
								KE275M	18.71				
								KE280M	19.05				
KE285M	19.39												
KE305M	18.56												
xii	Mono C-Si PERC Modules.	KE320M, (320Wp)	KE310M	18.86	60 (Full Cells)	1500	04.03.2022	03.03.2024					
			KE315M	19.17									
			KE320M	19.47									
			KE325M	19.78									
			KE330M	20.08									
xiii	Mono C-Si PERC Modules.	KE365M, (365Wp)	KE335M	20.38	72 (Full Cells)	1500	04.03.2022	03.03.2024					
			KE350M	17.65									
			KE355M	17.9									
			KE360M	18.15									
			KE365M	18.41									
xiv	Mono C-Si PERC Modules.	KE370MX, (370Wp)	KE370M	18.66	144 (Half-Cut Cells)	1500	04.03.2022	03.03.2024					
			KE375M	18.91									
			KE380M	19.16									
			KE360MX	17.89									
			KE365MX	18.14									
xvi	Mono C-Si PERC Modules	KE390M, (390Wp)	KE375MX	18.64	72 (Full Cells)	1500	04.03.2022	03.03.2024					
			KE380MX	18.89									
			KE385M	19.42									
18	M/s. Citizen Solar Pvt. Ltd.	New Survey No-966, Village: Indrad, Chhatral Kadi Road, Ta: Kadi, Dist.: Mehsana, Gujarat-382715, India.	R-72001929	70	i	Multi C-Si Modules.	CSPL18P155, (155Wp)	KE390M	19.67	36(Full Cells)	1000	04.03.2022	03.03.2024
								KE395M	19.92				
								CSPL18P150	15.3				
					ii	Multi C-Si Modules	CSPL18P205, (205Wp)	CSPL18P155	15.8	48 (Full Cells)	1000	04.03.2022	03.03.2024
								CSPL18P160	16.3				
								CSPL18P200	14.5				
					iii	Multi C-Si Modules	CSPL18P235, (235Wp)	CSPL18P205	14.9	54 (Full Cells)	1000	04.03.2022	03.03.2024
								CSPL18P210	15.2				
								CSPL18P230	15.7				
					iv	Multi C-Si Modules	CSPL18P260, (260Wp)	CSPL18P235	16.03	60 (Full Cells)	1000	04.03.2022	03.03.2024
								CSPL18P240	16.38				
								CSPL18P250	15.4				
					v	Multi C-Si Modules	CSPL18P285, (285Wp)	CSPL18P255	15.71	60 (Full Cells)	1000	04.03.2022	03.03.2024
								CSPL18P260	16.14				
								CSPL18P265	16.34				
					vi	Multi C-Si Modules	CSPL24P315, (315Wp)	CSPL18P270	16.68	72 (Full Cells)	1000	04.03.2022	03.03.2024
CSPL18P275	16.97												
CSPL18P280	17.2												
vii	Multi C-Si Modules	CSPL24P340, (340Wp)	CSPL18P285	17.54	72 (Full Cells)	1000	04.03.2022	03.03.2024					
			CSPL18P290	17.8									
			CSPL18P295	18.1									
viii	Mono PERC C-Si Modules.	CSPL24M390, (390 Wp)	CSPL24P300	15.5	72 (Full Cells)	1000	04.03.2022	03.03.2024					
			CSPL24P305	15.75									
			CSPL24P310	16									
									CSPL24P315	16.23			
									CSPL24P320	16.49			
									CSPL24P325	16.74			
									CSPL24P330	17			
									CSPL24P335	17.26			
									CSPL24P340	17.6			
									CSPL24P345	17.8			
									CSPL24M380	19.15			
									CSPL24M385	19.41			
									CSPL24M390	19.66			
									CSPL24M395	19.91			
									CSPL24M400	20.16			



S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity										
												From	To (subject to valid BIS Registration; else deemed to be delisted)									
19	M/s. Redren Energy Pvt. Ltd	Survey No. 154/1, 154/2, Opposite Rangpar, Bus Stand, National Highway No. 27, Jalida, Wankaner, Morbi-363621, Gujarat, India	R-72001775	71	i	Multi- C-Si Modules	RSMART1240, (40Wp)	RSMART1240	12.8	36 (Cut Cells)	600	05.04.2022	04.04.2024									
					ii	Multi- C-Si Modules	RSMART1250, (50Wp)	RSMART1250	12.34	36 (Cut Cells)	600	05.04.2022	04.04.2024									
					iii	Multi- C-Si Modules	RSMART1275, (75Wp)	RSMART1275	13.2	36 (Cut Cells)	600	05.04.2022	04.04.2024									
					iv	Multi- C-Si Modules	RSMART12100, (100Wp)	RSMART1295	13.4	36 (Cut Cells)	600	05.04.2022	04.04.2024									
								RSMART12100	14.11													
								RSMART12105	14.15													
					v	Multi- C-Si Modules	RSMART12145, (145Wp)	RSMART12140	14.17	36 (Full Cells)	1000	05.04.2022	04.04.2024									
								RSMART12145	14.42													
								RSMART12150	15.19													
					vi	Multi- C-Si Modules	RSMART16210, (210Wp)	RSMART16200	14.7	48 (Full Cells)	1500	05.04.2022	04.04.2024									
								RSMART16210	15.25													
								RSMART16215	15.6													
					vii	Multi- C-Si Modules	RSMART20250, (250Wp)	RSMART20240	14.58	60 (Full Cells)	1500	05.04.2022	04.04.2024									
								RSMART20245	14.9													
								RSMART20250	15.22													
					viii	Multi- C-Si Modules	RSMART24300, (300Wp)	RSMART20255	15.5	72 (Full Cells)	1500	05.04.2022	04.04.2024									
								RSMART20260	15.8													
								RSMART24285	14.55													
					ix	Multi- C-Si Modules	RSMART24335, (335Wp)	RSMART24290	14.8	72 (Full Cells)	1500	05.04.2022	04.04.2024									
								RSMART24295	15													
								RSMART24300	15.3													
					x	Mono-C-Si PERC Modules	RPLUS18290, (290Wp)	RSMART24305	16.12	54 (Full Cells)	1500	05.04.2022	04.04.2024									
								RSMART24310	16.1													
								RSMART24315	16.22													
					xi	Mono-C-Si PERC Modules	RPLUS20315, (315Wp)	RSMART24320	16.45	60 (Full Cells)	1500	05.04.2022	04.04.2024									
								RSMART24325	16.59													
								RSMART24330	16.9													
					xii	Mono-C-Si PERC Modules	RPLUS24365, (365Wp)	RSMART24335	17.1	72 (Full Cells)	1500	05.04.2022	04.04.2024									
								RSMART24340	17.52													
								RSMART24345	17.6													
					20	M/s. Premier Energies Photovoltaic Pvt. Ltd	Plot No-8/B/1 & 8/B/2, SY No. 62 P 63 P and 88 P, E-City, Village Raviryala, Maheshwaram Mandal, Ranga Reddy, Telangana-501359, India	R-63002356	1116	i	Multi C-Si Modules	PE-325, (325Wp)	RPLUS24350	17.92	72 (Full Cells)	1500	05.04.2022	04.04.2024				
													RPLUS18285	19.4								
													RPLUS18290	19.7								
										ii	Multi C-Si Modules	PE-330HC, (330Wp)	RPLUS18295	20	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024				
													RPLUS18300	20.3								
													RPLUS20300	18.2								
										iii	Mono PERC C-Si Modules	PE-435HM, (435Wp)	RPLUS20305	18.52	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024				
													RPLUS20310	18.8								
													RPLUS20315	19.11								
																	RPLUS20320	19.4				
																	RPLUS20325	19.75				
																	RPLUS20330	20				
																	RPLUS24350	17.8				
																	RPLUS24355	18				
																	RPLUS24360	18.2				
																	RPLUS24365	18.5				
																	RPLUS24370	18.7				
																	RPLUS24375	19				
RPLUS24380	19.2																					
PE-315	15.75																					
PE-320	16																					
PE-325	16.25																					
PE-330	16.5																					
PE-335	16.75																					
PE-340	17																					
PE-320HC	16.02																					
PE-325HC	16.27																					
PE-330HC	16.52																					
PE-335HC	16.77																					
PE-340HC	17.02																					
PE-345HC	17.27																					
PE-415HM	19.07																					
PE-420HM	19.3																					
PE-425HM	19.53																					
PE-430HM	19.76																					
PE-435HM	19.99																					
PE-440HM	20.22																					
PE-445HM	20.45																					
PE-450HM	20.68																					
PE-455HM	20.91																					
PE-470HM	19.8																					
PE-475HM	20.01																					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
					iv	Mono PERC C-Si Modules	PE-490HM, (490Wp)	PE-480HM PE-485HM PE-490HM PE-495HM	20.22 20.43 20.64 20.89	132 (Half-Cut Cells)	1500	05.04.2022	04.04.2024				
					v	Mono PERC C-Si Modules	PE-530HM, (530 Wp)	PE-515HM PE-520HM PE-525HM PE-530HM PE-535HM PE-540HM PE-545HM PE-550HM	19.93 20.12 20.31 20.51 20.7 20.89 21.09 21.28	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024				
					vi	Mono PERC Bifacial C-Si Modules	PE-530HGB, (530 Wp)	PE-510HGB PE-515HGB PE-520HGB PE-525HGB PE-530HGB PE-535HGB PE-540HGB PE-545HGB PE-550HGB	19.68 19.87 20.07 20.26 20.45 20.65 20.83 21.03 21.23	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024				
					vii	Mono PERC C-Si Modules	PE-565HM, (565 Wp)	PE-555HM PE-560HM PE-565HM PE-570HM PE-575HM PE-580HM PE-585HM PE-590HM	19.86 20.04 20.22 20.4 20.58 20.76 20.94 21.12	156 (Half-Cut Cells)	1500	05.04.2022	04.04.2024				
					viii	Mono PERC C-Si Modules	PE-505HM, (505Wp)	PE-510HM PE-505HM PE-500HM	19.73 19.54 19.35	132 (Half-Cut Cells)	1500	05.04.2022	04.04.2024				
					ix	Mono PERC C-Si Modules	PE-555HM, (555Wp)	PE-555HM PE-520HB PE-515HB PE-510HB PE-505HB PE-500HB	19.86 21.91 21.7 21.49 21.29 21.07	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024				
					x	Bifacial Mono PERC C-Si Modules	PE-500HB, (500Wp)	PE-495HB PE-490HB PE-550HB PE-545HB PE-540HB PE-535HB PE-530HB PE-525HB	20.86 20.64 21.29 21.1 20.9 20.71 20.52 20.32	132 (Half-Cut Cells)	1500	05.04.2022	04.04.2024				
					xi	Bifacial Mono PERC C-Si Modules	PE-535HB, (535Wp)	SSSPL-252 SSSPL-260 SSSPL-270	15.43 15.92 16.52	144 (Half-Cut Cells)	1500	05.04.2022	04.04.2024				
					21	M/s. Sri Savitr Solar Pvt. Ltd	Plot No. 34/1, Sy No. 374, C.I.E. Phase 2, Gandhi Nagar, Quthbulapur, Ranga Reddy, Hyderabad, Telangana - 500037, India	R-63000922	68	i	Multi C-Si Modules	SSSPL-260, (260 Wp)	SSSPL-260 SSSPL-270	15.92 16.52	60 (Full Cells)	1500	05.04.2022
					ii	Multi C-Si Modules	SSSPL-280, (280 Wp)	SSSPL-280	17.14	60 (Full Cells)	1500	05.04.2022	04.04.2024				
					iii	Multi C-Si Modules	SSSPL-66-280, (280 Wp)	SSSPL-66-280 SSSPL-66-290	15.66 16.22	66 (Full Cells)	1500	05.04.2022	04.04.2024				
					iv	Multi C-Si Modules	SSSPL-66-300, (300 Wp)	SSSPL-66-300 SSSPL-66-310 SSSPL-302	16.76 17.34 15.54	66 (Full Cells)	1500	05.04.2022	04.04.2024				
					v	Multi C-Si Modules	SSSPL-315, (315 Wp)	SSSPL-310 SSSPL-315 SSSPL-320 SSSPL-325 SSSPL-330	15.96 16.22 16.48 16.74 16.99	72 (Full Cells)	1500	05.04.2022	04.04.2024				
					vi	Multi C-Si Modules	SSSPL-335, (335 Wp)	SSSPL-335	17.58	72 (Full Cells)	1500	05.04.2022	04.04.2024				
22	M/s. Bluebird Solar Pvt. Ltd	Plot No: 5, Ecotech-II, Udyog Vihar, Khasra No. 739, Greater Noida-201306, Uttar Pradesh, India	R-93014680	100	i	Mono c-Si PERC Modules	BBS24MF395 (395Wp)	BBS24MF380 BBS24MF385 BBS24MF390 BBS24MF395 BBS24MF400 BBS24MF405 BBS24MC440 BBS24MC445	19.10 19.35 19.60 19.85 20.10 20.35 19.73 19.95	72 (Full Cells)	1500	10.04.2024	09.04.2028				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Mono c-Si PERC Module	BBS24MC460 (460Wp)	BBS24MC450 20.18 BBS24MC455 20.40 BBS24MC460 20.63 BBS24MC465 20.85 BBS24MC470 21.08 BBS24MC475 21.31		120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					iii	Mono c-Si PERC Module	BBS24MC495 (495Wp)	BBS24MC480 19.45 BBS24MC485 19.65 BBS24MC490 19.85 BBS24MC495 20.05 BBS24MC500 20.25 BBS24MC505 20.46 BBS24MC510 20.66		132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					iv	Mono c-Si PERC Module	BBS24MC525 (525Wp)	BBS24MC515 19.96 BBS24MC520 20.15 BBS24MC525 20.34 BBS24MC530 20.53 BBS24MC535 20.73 BBS24MC540 20.92 BBS24MC545 21.12 BBS24MC550 21.31		144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
23	M/s. Rajasthan Electronics and Instruments Limited (REIL)	2, Kanakpura Industrial Area, Sirsi Road, Jaipur-302040	IEC Certificates are available	23	i	Multi C-Si Modules	320W72, (320Wp)	310W72 15.78 320W72 16.27 330W72 16.9 335W72 17.25		72 (Full Cells)	1000	18.08.2022	17.08.2024
24	M/s. Neety Euro Asia Solar Energy	E-153, GIDC Electronics Estate, Sector-26, Gandhinagar, Gujarat - 382028, India	R-72004740	28	i	Multi C-Si Modules	N270P60, (270Wp)	N260P60 15.4 N265P60 15.7 N270P60 16.03 N275P60 16.32 N280P60 16.62		60 (Full Cells)	1500	18.08.2022	17.08.2024
					ii	Multi C-Si Modules	N325P72, (325Wp)	N310P72 15.99 N315P72 16.24 N320P72 16.5 N325P72 16.7 N330P72 17.02 N335P72 17.27 N340P72 17.54		72 (Full Cells)	1500	18.08.2022	17.08.2024
					iii	Multi C-Si Modules	N330P144, (330Wp)	N320P144 15.81 N325P144 16.7 N330P144 17.02 N335P144 17.27 N340P144 17.54		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
					iv	Mono C-Si PERC Modules	N400M144, (400Wp)	N380M144 17.13 N385M144 17.36 N390M144 17.58 N395M144 17.81 N400M144 18.03 N405M144 18.26 N410M144 18.48 N415M144 18.71 N420M144 18.93		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
25	M/s. Shivam Photovoltaics Private Limited	101 New Ahmedabad Industrial Estate, Near Zydus Research Center, Village Moraiya, Taluka Sanand, District Ahmedabad, Gujarat-382213	R-72003468	30	i	Multi C-Si Modules	SPL72FP315Wp, (315 Wp)	SPL72FP300Wp 15.43 SPL72FP305Wp 15.69 SPL72FP310Wp 15.95 SPL72FP315Wp 16.21 SPL72FP320Wp 16.47 SPL72FP325Wp 16.72 SPL72FP330Wp 16.98		72 Full Cell	1500	18.08.2022	17.08.2024
					ii	Multi C-Si Modules	SPL60FP260Wp, (260 Wp)	SPL60FP250Wp 13 SPL60FP255Wp 13.26 SPL60FP260Wp 13.52 SPL60FP265Wp 13.78 SPL60FP270Wp 14.04		60 Full Cell	1500	18.08.2022	17.08.2024
26	M/s. Sahaj Solar Private Ltd	Plot No. D4, Survey No. 742,745, Gallops Industrial Park, Village Rajoda, Sarkhej – Bavla Road, NH 8B, Ahmedabad, Gujarat – 382220, India	R-72005630	100	i	Multi C-Si Modules	SS-265, (265Wp)	SS-255 15.3 SS-260 15.6 SS-265 15.89 SS-270 16.19 SS-275 16.49 SS-280 15.32		60 (Full Cells)	1500	18.08.2022	17.08.2024

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity		
												From	To (subject to valid BIS Registration; else deemed to be delisted)	
					ii	Multi C-Si Modules	SS-295, (295Wp)	SS-285	15.6	66 (Full Cells)	1500	18.08.2022	17.08.2024	
								SS-290	15.86					
								SS-295	16.14					
								SS-300	16.42					
								SS-305	16.69					
								SS-310	16.95					
					iii	Multi C-Si Modules	SS-330, (330Wp)	SS-315	15.85	72 (Full Cells)	1500	18.08.2022	17.08.2024	
								SS-320	16.1					
								SS-325	16.35					
								SS-330	16.6					
								SS-335	16.85					
								SS-340	17.1					
								SS-345	17.35					
27	M/s. Raajratna Ventures Limited	Survey No. 69/2, Ahmedabad-Mehsana Highway, Opp Madhu Mill, Village Chandarda, Tal Kadi, Dist. Mehsana, Gujarat - 382715, India	R-72003379	96	i	Multi C-Si Modules	R260P, (260Wp)	R250P	16.5	60 (Full Cells)	1500	18.08.2022	17.08.2024	
								R255P	16.9					
								R260P	17.2					
								R265P	17.5					
								R270P	17.9					
								R250P(72C)	16.5					
					ii	Multi C-Si Modules	R260P(72C), (260Wp)	R255P(72C)	16.9	72 (Cut Cell)	1500	18.08.2022	17.08.2024	
								R260P(72C)	17					
								R270P(72C)	17.2					
					iii	Multi C-Si Modules	R300P, (300Wp)	R300P	16.7	72 (Full Cells)	1500	18.08.2022	17.08.2024	
								R305P	16.9					
					iv	Multi C-Si Modules	R320P, (320Wp)	R310P	17.2	72 (Full Cells)	1500	18.08.2022	17.08.2024	
								R315P	17.4					
								R320P	17.7					
								R325P	17.9					
								R330P	18.3					
								R335P	18.4					
					v	Mono PERC C-Si Modules	R435M, (435Wp)	R420M	19.27	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024	
								R425M	19.5					
								R430M	19.73					
								R435M	19.96					
								R440M	20.18					
								R445M	20.41					
vi	Mono PERC C-Si Modules	R530M, (530Wp)	R450M	20.64	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024						
			R510M	19.73										
			R515M	19.93										
			R520M	20.12										
			R525M	20.31										
			R530M	20.51										
			R535M	20.7										
			R540M	20.89										
			R545M	21.09										
			R550M	21.28										
			28	M/s. Mundra Solar Energy Ltd					Taluka Mundra, Survey No.180/P, Sector-01, South Of APL/CGPI Power Plant, Near EMC Bridge, Tunda, Kachchh- 370435 Gujarat	R-72005460	2158			
ASM-M10-144-501	19.51													
ASM-M10-144-502	19.55													
ASM-M10-144-503	19.59													
ASM-M10-144-504	19.63													
ASM-M10-144-505	19.67													
ASM-M10-144-506	19.71													
ASM-M10-144-507	19.75													
ASM-M10-144-508	19.79													
ASM-M10-144-509	19.83													
ASM-M10-144-510	19.86													
ASM-M10-144-511	19.9													
ASM-M10-144-512	19.94													
ASM-M10-144-513	19.98													
ASM-M10-144-514	20.02													
ASM-M10-144-515	20.06													
ASM-M10-144-516	20.1													
ASM-M10-144-517	20.14													
ASM-M10-144-518	20.18													
ASM-M10-144-519	20.22													
ASM-M10-144-520	20.25													
ASM-M10-144-521	20.29													

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					i	Mono C-Si PERC Modules	ASM-M10-144-520, (520Wp)	ASM-M10-144-522 20.33 ASM-M10-144-523 20.37 ASM-M10-144-524 20.41 ASM-M10-144-525 20.45 ASM-M10-144-526 20.49 ASM-M10-144-527 20.53 ASM-M10-144-528 20.57 ASM-M10-144-529 20.6 ASM-M10-144-530 20.64 ASM-M10-144-531 20.68 ASM-M10-144-532 20.72 ASM-M10-144-533 20.76 ASM-M10-144-534 20.8 ASM-M10-144-535 20.84 ASM-M10-144-536 20.88 ASM-M10-144-537 20.92 ASM-M10-144-538 20.96 ASM-M10-144-539 20.99 ASM-M10-144-540 21.03 ASM-M10-144-541 21.07 ASM-M10-144-542 21.11 ASM-M10-144-543 21.15 ASM-M10-144-544 21.18 ASM-M10-144-545 21.22		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
					ii	Bifacial Mono c-Si PERC Modules	ASB-M10-144-520, (520Wp)	ASB-M10-144-500 19.48 ASB-M10-144-501 19.51 ASB-M10-144-502 19.55 ASB-M10-144-503 19.59 ASB-M10-144-504 19.63 ASB-M10-144-505 19.67 ASB-M10-144-506 19.71 ASB-M10-144-507 19.75 ASB-M10-144-508 19.79 ASB-M10-144-509 19.83 ASB-M10-144-510 19.86 ASB-M10-144-511 19.9 ASB-M10-144-512 19.94 ASB-M10-144-513 19.98 ASB-M10-144-514 20.02 ASB-M10-144-515 20.06 ASB-M10-144-516 20.1 ASB-M10-144-517 20.14 ASB-M10-144-518 20.18 ASB-M10-144-519 20.22 ASB-M10-144-520 20.25 ASB-M10-144-521 20.29 ASB-M10-144-522 20.33 ASB-M10-144-523 20.37 ASB-M10-144-524 20.41 ASB-M10-144-525 20.45 ASB-M10-144-526 20.49 ASB-M10-144-527 20.53 ASB-M10-144-528 20.57 ASB-M10-144-529 20.6 ASB-M10-144-530 20.64 ASB-M10-144-531 20.68 ASB-M10-144-532 20.72 ASB-M10-144-533 20.76 ASB-M10-144-534 20.8 ASB-M10-144-535 20.84 ASB-M10-144-536 20.88 ASB-M10-144-537 20.92 ASB-M10-144-538 20.96 ASB-M10-144-539 20.99 ASB-M10-144-540 21.03 ASB-M10-144-541 21.07 ASB-M10-144-542 21.11 ASB-M10-144-543 21.15 ASB-M10-144-544 21.18		144 (Half Cut Cells)	1500	18.08.2022	17.08.2024

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
29	M/s. Renewsys India Pvt. Ltd	Plot No. E141, Additional Industrial Area, MIDC, Patalganga, Tal. Panvel, Karade Khurd, Raigad-410202 Maharashtra	R-71018970	565	i	Monofacial C-Si PERC Modules	DESERV SGALACTIC-560 (560Wp)	ASB-M10-144-545	21.22	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024
								DESERV SGALACTIC-555	19.77				
								DESERV SGALACTIC-560	19.95				
								DESERV SGALACTIC-565	20.13				
								DESERV SGALACTIC-570	20.3				
								DESERV SGALACTIC-575	20.48				
								DESERV SGALACTIC-580	20.66				
								DESERV SGALACTIC-490	18.87				
								DESERV SGALACTIC-495	19.06				
								DESERV SGALACTIC-500	19.25				
								DESERV SGALACTIC-505	19.45				
								DESERV SGALACTIC-510	19.64				
					DESERV SGALACTIC-515	19.83							
					DESERV SGALACTIC-520	20.02							
					DESERV SGALACTIC-525	20.22							
					DESERV SGALACTIC-530	20.41							
					DESERV SGALACTIC-535	20.6							
					DESERV SGALACTIC-405	18.61							
					DESERV SGALACTIC-410	18.84							
					DESERV SGALACTIC-415	19.07							
					DESERV SGALACTIC-420	19.3							
					DESERV SGALACTIC-425	19.53							
					DESERV SGALACTIC-430	19.76							
					DESERV SGALACTIC-435	19.99							
					DESERV SGALACTIC-440	20.22							
					DESERV SGALACTIC-445	20.45							
					ii	Monofacial C-Si PERC Modules	DESERV SGALACTIC-515 (515Wp)	DESERV EXTREME-555	19.77	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024
								DESERV EXTREME-560	19.95				
								DESERV EXTREME-565	20.13				
								DESERV EXTREME-570	20.3				
								DESERV EXTREME-575	20.48				
								DESERV EXTREME-580	20.66				
								DESERV EXTREME-490	18.87				
								DESERV EXTREME-495	19.06				
								DESERV EXTREME-500	19.25				
								DESERV EXTREME-505	19.45				
								DESERV EXTREME-510	19.64				
								DESERV EXTREME-515	19.83				
					DESERV EXTREME-520	20.02							
					DESERV EXTREME-525	20.22							
					DESERV EXTREME-530	20.41							
					DESERV EXTREME-535	20.6							
DESERV EXTREME-405	18.61												
DESERV EXTREME-410	18.84												
DESERV EXTREME-415	19.07												
DESERV EXTREME-420	19.3												
DESERV EXTREME-425	19.53												
DESERV EXTREME-430	19.76												
DESERV EXTREME-435	19.99												
DESERV EXTREME-440	20.22												
DESERV EXTREME-445	20.45												
iii	Monofacial C-Si PERC Modules	DESERV EXTREME-425 (425Wp)	DESERV SGALACTIC-585	20.83	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV SGALACTIC-590	21.07									
			DESERV SGALACTIC-540	20.8									
			DESERV SGALACTIC-545	21									
			DESERV SGALACTIC-450	20.7									
			DESERV SGALACTIC-455	21									
			DESERV EXTREME-585	20.8									
			DESERV EXTREME-590	21.07									
			DESERV EXTREME-540	20.8									
			DESERV EXTREME-545	21									
			DESERV EXTREME-450	20.7									
			DESERV EXTREME-455	21									
iv	Bifacial C-Si PERC Modules	DESERV EXTREME-560 (560Wp)	DESERV SGALACTIC-590	20.83	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV SGALACTIC-590	21.07									
			DESERV SGALACTIC-540	20.8									
			DESERV SGALACTIC-545	21									
			DESERV SGALACTIC-450	20.7									
			DESERV SGALACTIC-455	21									
			DESERV EXTREME-585	20.8									
			DESERV EXTREME-590	21.07									
			DESERV EXTREME-540	20.8									
			DESERV EXTREME-545	21									
			DESERV EXTREME-450	20.7									
			DESERV EXTREME-455	21									
v	Bifacial C-Si PERC Modules	DESERV EXTREME-515 (515Wp)	DESERV SGALACTIC-590	20.83	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV SGALACTIC-590	21.07									
			DESERV SGALACTIC-540	20.8									
			DESERV SGALACTIC-545	21									
			DESERV SGALACTIC-450	20.7									
			DESERV SGALACTIC-455	21									
			DESERV EXTREME-585	20.8									
			DESERV EXTREME-590	21.07									
			DESERV EXTREME-540	20.8									
			DESERV EXTREME-545	21									
			DESERV EXTREME-450	20.7									
			DESERV EXTREME-455	21									
vi	Bifacial C-Si PERC Modules	DESERV EXTREME-425 (425Wp)	DESERV SGALACTIC-590	20.83	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV SGALACTIC-590	21.07									
			DESERV SGALACTIC-540	20.8									
			DESERV SGALACTIC-545	21									
			DESERV SGALACTIC-450	20.7									
			DESERV SGALACTIC-455	21									
			DESERV EXTREME-585	20.8									
			DESERV EXTREME-590	21.07									
			DESERV EXTREME-540	20.8									
			DESERV EXTREME-545	21									
			DESERV EXTREME-450	20.7									
			DESERV EXTREME-455	21									
vii	Mono PERC C-Si Module	DESERV SGALACTIC-590 (590 Wp)	DESERV SGALACTIC-585	20.83	120 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV SGALACTIC-590	21.07									
			DESERV SGALACTIC-540	20.8									
			DESERV SGALACTIC-545	21									
			DESERV SGALACTIC-450	20.7									
			DESERV SGALACTIC-455	21									
			DESERV EXTREME-585	20.8									
			DESERV EXTREME-590	21.07									
			DESERV EXTREME-540	20.8									
			DESERV EXTREME-545	21									
			DESERV EXTREME-450	20.7									
			DESERV EXTREME-455	21									
viii	Mono PERC C-Si Module	DESERV SGALACTIC-545 (545 Wp)	DESERV SGALACTIC-585	20.83	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV SGALACTIC-590	21.07									
			DESERV SGALACTIC-540	20.8									
			DESERV SGALACTIC-545	21									
			DESERV SGALACTIC-450	20.7									
			DESERV SGALACTIC-455	21									
			DESERV EXTREME-585	20.8									
			DESERV EXTREME-590	21.07									
			DESERV EXTREME-540	20.8									
			DESERV EXTREME-545	21									
			DESERV EXTREME-450	20.7									
			DESERV EXTREME-455	21									
ix	Mono PERC C-Si Module	DESERV SGALACTIC-455 (455Wp)	DESERV SGALACTIC-585	20.83	144 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV SGALACTIC-590	21.07									
			DESERV SGALACTIC-540	20.8									
			DESERV SGALACTIC-545	21									
			DESERV SGALACTIC-450	20.7									
			DESERV SGALACTIC-455	21									
			DESERV EXTREME-585	20.8									
			DESERV EXTREME-590	21.07									
			DESERV EXTREME-540	20.8									
			DESERV EXTREME-545	21									
			DESERV EXTREME-450	20.7									
			DESERV EXTREME-455	21									
x	Mono PERC Bifacial C-Si Module	DESERV EXTREME-590 (590 Wp)	DESERV SGALACTIC-585	20.83	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV SGALACTIC-590	21.07									
			DESERV SGALACTIC-540	20.8									
			DESERV SGALACTIC-545	21									
			DESERV SGALACTIC-450	20.7									
			DESERV SGALACTIC-455	21									
			DESERV EXTREME-585	20.8									
			DESERV EXTREME-590	21.07									
			DESERV EXTREME-540	20.8									
			DESERV EXTREME-545	21									
			DESERV EXTREME-450	20.7									
			DESERV EXTREME-455	21									
xi	Mono PERC Bifacial C-Si Module	DESERV EXTREME-545 (545 Wp)	DESERV SGALACTIC-585	20.83	120 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV SGALACTIC-590	21.07									
			DESERV SGALACTIC-540	20.8									
			DESERV SGALACTIC-545	21									
			DESERV SGALACTIC-450	20.7									
			DESERV SGALACTIC-455	21									
			DESERV EXTREME-585	20.8									
			DESERV EXTREME-590	21.07									
			DESERV EXTREME-540	20.8									
			DESERV EXTREME-545	21									
			DESERV EXTREME-450	20.7									
			DESERV EXTREME-455	21									
xii	Mono PERC Bifacial C-Si Module	DESERV EXTREME-455 (455 Wp)	DESERV SGALACTIC-585	20.83	156 (Half Cut Cells)	1500	18.08.2022	17.08.2024					
			DESERV SGALACTIC-590	21.07									
			DESERV SGALACTIC-540	20.8									
			DESERV SGALACTIC-545	21									
			DESERV SGALACTIC-450	20.7									
			DESERV SGALACTIC-455	21									
			DESERV EXTREME-585	20.8									
			DESERV EXTREME-590	21.07									
			DESERV EXTREME-540	20.8									
			DESERV EXTREME-545	21									
			DESERV EXTREME-450	20.7									
			DESERV EXTREME-455	21									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
30	M/s. Waaree Energies Limited	Survey No. 1934, 1939, 1941, 1942, NH-48, Degam, Chikhali, Navasari, Gujarat - 396530, India	R-72005533	8524	i	Mono C-Si PERC Modules	WSMD-540, (540Wp)	WSMD-520	20.2	144 (Half-Cut Cells)	1500	18.08.2022	17.08.2024
								WSMD-525	20.39				
								WSMD-530	20.58				
								WSMD-535	20.78				
								WSMD-540	20.97				
								WSMD-545	21.17				
					ii	Mono C-Si PERC Modules	WSMD-600, (600Wp)	WSMD-580	20.35	120 (Half-Cut Cells)	1500	18.08.2022	17.08.2024
								WSMD-585	20.52				
								WSMD-590	20.7				
								WSMD-595	20.88				
								WSMD-600	21.06				
								WSMD-605	21.24				
					iii	Mono C-Si PERC Modules	WSMD-650, (650Wp)	WSMD-630	20.16	132 (Half-Cut Cells)	1500	18.08.2022	17.08.2024
								WSMD-635	20.32				
								WSMD-640	20.48				
								WSMD-645	20.64				
								WSMD-650	20.8				
								WSMD-650	20.2				
					iv	Bifacial Mono C-Si PERC Modules	Bi-55-540, (540Wp)	Bi-55-520	20.2	144 (Half-Cut Cells)	1500	18.08.2022	17.08.2024
								Bi-55-525	20.39				
								Bi-55-530	20.58				
								Bi-55-535	20.78				
								Bi-55-540	20.97				
								Bi-55-545	21.17				
v	Bifacial Mono C-Si PERC Modules	Bi-66-600, (600Wp)	Bi-55-550	21.36	120 (Half-Cut Cells)	1500	18.08.2022	17.08.2024					
			Bi-66-580	20.35									
			Bi-66-585	20.52									
			Bi-66-590	20.7									
			Bi-66-595	20.88									
			Bi-66-600	21.06									
vi	Bifacial Mono C-Si PERC Modules	Bi-68-650, (650Wp)	Bi-68-630	20.16	132 (Half-Cut Cells)	1500	18.08.2022	17.08.2024					
			Bi-68-635	20.32									
			Bi-68-640	20.48									
			Bi-68-645	20.64									
			Bi-68-650	20.8									
			Bi-68-650	20.2									
31	M/s ITI Limited	ITI Limited, Naini, Mirzapur Road, Naini, Allahabad, Uttar Pradesh-211010, India	R-93012246	30	i	Multi C-Si Modules	ITI320PF72, (320Wp)	ITI305PF72	15.46	72 (Full Cells)	1500	27.09.2022	26.09.2024
								ITI320PF72	16.22				
								ITI325PF72	16.47				
					ii	Multi C-Si Modules	ITI205PF48, (205Wp)	ITI205PF48	15.32	48 (Full Cell)	1500	27.09.2022	26.09.2024
								ITI155PF36, (155Wp)	15.61				
								ITI120PC36	17.64				
					iii	Multi C-Si Modules	ITI125PC36, (125Wp)	ITI125PC36	18.37	36 (Cut Cell)	1000	27.09.2022	26.09.2024
								ITI100PC36, (100Wp)	14.7				
								ITI080PC36, (80Wp)	15.27				
					iv	Multi C-Si Modules	ITI075PC36, (75Wp)	ITI075PC36	14.71	36 (Cut Cell)	1000	27.09.2022	26.09.2024
								ITI060PC36, (60Wp)	13.95				
								ITI050PC36, (50Wp)	13.51				
v	Multi C-Si Modules	ITI040PC36, (40Wp)	ITI040PC36	13.78	36 (Cut Cell)	1000	27.09.2022	26.09.2024					
			ITI040PC36	13.78									
			ITI040PC36	13.78									
32	M/s. Goldi Sun Private Limited	City Survey No. 920, Vijalpore Road, TA, Distt. Navsari, Gujarat - 396445, India	R-72006149	2209	i	Mono C-Si PERC Modules	GS10-M144-WF-540, (540Wp)	GS10-M144-WF-540	21.11	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024
								GS10-M144-TF-525	20.33				
								GS10-M144-TF-530	20.53				
					ii	Mono C-Si PERC Bifacial Modules	GS10-B144-TF-535, (535Wp)	GS10-B144-TF-535	20.73	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024
								GS10-B144-TF-540	20.92				
								GS10-B144-WF-525	20.33				
					iii	Mono C-Si PERC Modules	GS10-B144-WF-530, (530Wp)	GS10-B144-WF-530	20.53	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024
								GS10-B144-WF-535	20.72				
								GS10-B144-GF-525	20.34				
					iv	Mono C-Si PERC Bifacial Modules	GS10-B144-GF-535, (535Wp)	GS10-B144-GF-530	20.53	144 (Half-Cut Cells)	1500	27.09.2022	26.09.2024
								GS10-B144-GF-535	20.73				
								GS10-B144-GF-540	20.92				
					v	Mono c-Si PERC Module	GS10-M144-WF-525, (525Wp)	GS10-M144-WF-500	19.36	144 Half Cut Cells	1500	27.09.2022	26.09.2024
								GS10-M144-WF-505	19.56				
								GS10-M144-WF-510	19.75				
								GS10-M144-WF-515	19.94				
								GS10-M144-WF-520	20.13				
								GS10-M144-WF-525	20.33				
								GS10-M144-WF-530	20.53				
								GS10-M144-WF-535	20.73				
								GS10-M144-WF-545	21.11				
vi	Bifacial Mono c-Si PERC Modules	GS10-B144-TF-545, (545Wp)	GS10-B144-TF-545	21.1	144 Half Cut Cells	1500	27.09.2022	26.09.2024					
			GS10-B144-TF-550	21.3									
			GS10-B144-GF-545, (545Wp)	21.1									
vii	Bifacial Mono C-Si PERC	GS10-B144-GF-545, (545Wp)	GS10-B144-GF-545	21.1	144 Half Cut Cells	1500	27.09.2022	26.09.2024					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						Modules		GS10-B144-GF-550	21.3				
					viii	Mono c-Si PERC Modules	GS10-M132-WF-500, (500Wp)	GS10-M132-WF-500	21.06	132 Half Cut Cells	1500	27.09.2022	26.09.2024
								GS10-M132-WF-505	21.28				
33	M/s. SunField Energy Private Ltd	B-3, IDA Kukatpally, Gandhinagar, Medchal- Malkajgiri, Telengana - 500037, India	R-63002062	29	i	Multi- C-Si Modules	SEPL24335, (335Wp)	SEPL24335	17.3	72 Full Cells	1500	27.09.2022	26.09.2024
								SEPL24330	17				
								SEPL24325	16.8				
								SEPL24320	16.5				
					ii	Multi- C-Si Modules	SEPL24315, (315Wp)	SEPL24315	16.03	72 Full Cells	1500	27.09.2022	26.09.2024
								SEPL24310	16				
								SEPL24305	15.7				
								SEPL24302	15.6				
								SEPL20280F	17.2				
								SEPL20275F	16.9				
					iii	Multi- C-Si Modules	SEPL20270F, (270Wp)	SEPL20270F	16.6	60 Full Cells	1500	27.09.2022	26.09.2024
								SEPL20265F	16.3				
								SEPL20260F	16				
								SEPL20255F	15.6				
								SEPL20250F	15.3				
								SEPL20245F	15.1				
								SEPL20240F	14.7				
								SEPL18255F	15.2				
								SEPL18250F	15.2				
								SEPL18245F	14.9				
								SEPL18240F	14.6				
								SEPL18235F	14.29				
								SEPL18230F	13.99				
					vi	Multi- C-Si Modules	SEPL18225F, (225p)	SEPL18225F	13.68	54 Full Cells	1000	27.09.2022	26.09.2024
								SEPL18220F	13.38				
								SEPL18215F	13.07				
								SEPL12170F	17.02				
								SEPL12165F	16.52				
					vii	Multi- C-Si Modules	SEPL12165F, (165Wp)	SEPL12165F	16.52	36 Full Cells	1000	27.09.2022	26.09.2024
								SEPL12160F	16.02				
								SEPL12155F	15.52				
								SEPL12150F	15.02				
								SEPL12145F	14.52				
								SEPL24300	15.3				
								SEPL24295	15				
								SEPL24290	14.7				
								SEPL24285	14.5				
								SEPL24280	14.2				
								SEPL24275	14				
								SEPL24270	13.7				
								SEPL24265	13.5				
								SEPL24260	13.2				
								SEPL24255	13.1				
								SEPL24250	15.2				
								SEPL24245	14.9				
								SEPL24240	14.6				
								SEPL24235	14.29				
								SEPL24230	13.99				
								SEPL24225	13.68				
								SEPL24220	15.76				
								SEPL24215	15.4				
								SEPL24210	15.04				
								SEPL24205	14.68				
								SEPL24200	14.32				
								SEPL24195	13.97				
								SEPL24190	13.61				
								SEPL24185	13.25				
								SEPL24180	15.03				
								SEPL24175	14.61				
								SEPL24170	14.19				
								SEPL24165	13.78				
								SEPL24160	13.36				
								SEPL24155	12.95				
								SEPL24150	12.53				
								SEPL20250	15.3				
								SEPL20245	15				
								SEPL20240	14.7				
								SEPL20235	14.4				
								SEPL20230	14.1				
								SEPL20225	13.8				



S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xviii	Multi- C-Si Modules	SEPL20215, (215Wp)	SEPL20220 SEPL20215 SEPL20210 SEPL20205	13.5 13.2 12.9 12.6	60 Cut Cells	1000	27.09.2022	26.09.2024
					xix	Multi- C-Si Modules	SEPL20195, (195Wp)	SEPL20200 SEPL20195 SEPL20190	12.3 12 11.6	60 Cut Cells	1000	27.09.2022	26.09.2024
					xx	Multi- C-Si Modules	SEPL12145, (145Wp)	SEPL12150 SEPL12145 SEPL12140	15.38 14.87 14.46	36 Cut Cells	600	27.09.2022	26.09.2024
					xxi	Multi- C-Si Modules	SEPL12130, (130Wp)	SEPL12135 SEPL12130 SEPL12125	13.84 13.33 14.86	36 Cut Cells	600	27.09.2022	26.09.2024
					xxii	Multi- C-Si Modules	SEPL12115, (115Wp)	SEPL12120 SEPL12115 SEPL12110	14.27 13.67 13.08	36 Cut Cells	600	27.09.2022	26.09.2024
					xxiii	Multi- C-Si Modules	SEPL12100, (100Wp)	SEPL12105 SEPL12100	12.48 14.85	36 Cut Cells	600	27.09.2022	26.09.2024
					xxiv	Multi- C-Si Modules	SEPL1295, (95Wp)	SEPL1295	14.1	36 Cut Cells	600	27.09.2022	26.09.2024
					xxv	Multi- C-Si Modules	SEPL1290, (90Wp)	SEPL1290	13.36	36 Cut Cells	600	27.09.2022	26.09.2024
					xxvi	Multi- C-Si Modules	SEPL1285, (85Wp)	SEPL1285	12.62	36 Cut Cells	600	27.09.2022	26.09.2024
					xxvii	Multi- C-Si Modules	SEPL1280, (80Wp)	SEPL1280	14.83	36 Cut Cells	600	27.09.2022	26.09.2024
					xxviii	Multi- C-Si Modules	SEPL1275, (75Wp)	SEPL1275	13.9	36 Cut Cells	600	27.09.2022	26.09.2024
					xxix	Multi- C-Si Modules	SEPL1270, (70Wp)	SEPL1270	12.97	36 Cut Cells	600	27.09.2022	26.09.2024
					xxx	Multi- C-Si Modules	SEPL1265, (65Wp)	SEPL1265	12.05	36 Cut Cells	600	27.09.2022	26.09.2024
					xxxi	Multi- C-Si Modules	SEPL1260, (60Wp)	SEPL1260	11.12	36 Cut Cells	600	27.09.2022	26.09.2024
					xxxii	Multi- C-Si Modules	SEPL1255, (55Wp)	SEPL1255	10.19	36 Cut Cells	600	27.09.2022	26.09.2024
					xxxiii	Multi- C-Si Modules	SEPL1250, (50Wp)	SEPL1250	12.33	36 Cut Cells	600	27.09.2022	26.09.2024
					xxxiv	Multi- C-Si Modules	SEPL1245, (45Wp)	SEPL1245	11.1	36 Cut Cells	600	27.09.2022	26.09.2024
					xxxv	Multi- C-Si Modules	SEPL1240, (40Wp)	SEPL1240	9.86	36 Cut Cells	600	27.09.2022	26.09.2024
					xxxvi	Multi- C-Si Modules	SEPL1235, (35Wp)	SEPL1235	8.63	36 Cut Cells	600	27.09.2022	26.09.2024
					xxxvii	Multi- C-Si Modules	SEPL1230, (30Wp)	SEPL1230	8.91	36 Cut Cells	600	27.09.2022	26.09.2024
					xxxviii	Multi- C-Si Modules	SEPL1224, (24Wp)	SEPL1224	8.73	36 Cut Cells	600	27.09.2022	26.09.2024
34	M/s. SASA Energy LLP	Opposite Dargah, Morbi-Halvad Road, At-Nichi Mandal, Morbi – Rajkot, Gujarat - 363642, India	R-72005681	91	i	Multi C-Si Modules	SASA325P72, (325Wp)	SASA310P72 SASA315P72 SASA320P72 SASA325P72 SASA330P72 SASA335P72 SASA340P72	15.97 16.23 16.49 16.75 17.01 17.26 17.52	72 (Full Cells)	1500	27.09.2022	26.09.2024
					ii	Multi C-Si Modules	SASA300P66, (300Wp)	SASA285P66 SASA290P66 SASA295P66 SASA300P66 SASA305P66 SASA310P66	15.67 15.94 16.22 16.49 16.77 17.04	66 (Full Cells)	1500	27.09.2022	26.09.2024
					iii	Multi C-Si Modules	SASA265P60, (265Wp)	SASA255P60 SASA260P60 SASA265P60 SASA270P60 SASA275P60	15.37 15.67 15.97 16.27 16.57	60 (Full Cells)	1500	27.09.2022	26.09.2024
					iv	Multi C-Si Modules	SASA240P54, (240Wp)	SASA230P54 SASA235P54 SASA240P54 SASA245P54 SASA250P54	15.34 15.67 16.01 16.34 16.67	54 (Full Cells)	1500	27.09.2022	26.09.2024
					v	Multi C-Si Modules	SASA210P48, (210Wp)	SASA200P48 SASA205P48 SASA210P48 SASA215P48 SASA220P48	14.93 15.3 15.68 16.05 16.42	48 (Full Cells)	1500	27.09.2022	26.09.2024
					vi	Mono C-Si PERC Modules	SASA385M72, (385Wp)	SASA370M72 SASA375M72 SASA380M72 SASA385M72 SASA390M72 SASA395M72 SASA400M72	18.61 18.86 19.11 19.37 19.62 19.87 20.17	72 (Full Cells)	1500	27.09.2022	26.09.2024
					vii	Mono C-Si PERC Modules	SASA345M66, (345Wp)	SASA330M66 SASA335M66 SASA340M66 SASA345M66	18.1 18.38 18.65 18.93	66 (Full Cells)	1500	27.09.2022	26.09.2024

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					viii	Mono C-Si PERC Modules	SASA315M60 (315Wp)	SASA350M66	19.2	60 (Full Cells)	1500	27.09.2022	26.09.2024
								SASA355M66	19.48				
								SASA360M66	19.75				
								SASA300M60	18.04				
								SASA305M60	18.34				
								SASA310M60	18.64				
								SASA315M60	18.95				
								SASA320M60	19.25				
								SASA325M60	19.55				
								SASA330M60	19.85				
					ix	Mono C-Si PERC Modules	SASA295M54 (295Wp)	SASA285M54	18.97	54 (Full Cells)	1500	27.09.2022	26.09.2024
								SASA290M54	19.3				
								SASA295M54	19.63				
					x	Mono C-Si PERC Modules	SASA255M48 (255Wp)	SASA300M54	19.97	48 (Full Cells)	1500	27.09.2022	26.09.2024
								SASA305M54	20.34				
								SASA245M48	18.25				
								SASA250M48	18.62				
								SASA255M48	19				
					xi	Mono C-Si PERC Modules	SASA24MPC390 (390Wp)	SASA260M48	19.37	144 (Half Cut Cells)	1500	27.09.2022	26.09.2024
								SASA265M48	19.74				
								SASA24MPC375	18.68				
SASA24MPC380	18.92												
SASA24MPC385	19.17												
SASA24MPC390	19.42												
SASA24MPC395	19.67												
SASA24MPC400	19.7												
SASA24MPC405	20.2												
35	M/s. SUNBOND Energy Pvt. Ltd.	S.No. 181/P2 Opp. 66 kV substation, Mitana - Padadhari Road, Mitana, Rajkot, Gujarat 363650, India	R-72005762	60	i	Mono C-Si PERC Modules	SEPL72F375M (375Wp)	SEPL72F360M	18.1	72 (Full Cells)	1500	27.09.2022	26.09.2024
								SEPL72F365M	18.36				
								SEPL72F370M	18.62				
								SEPL72F375M	18.87				
								SEPL72F380M	19.12				
								SEPL72F385M	19.38				
								SEPL72F390M	19.63				
					ii	Mono C-Si PERC Modules	SEPL66F340M (340Wp)	SEPL66F325M	17.86	66 (Full Cells)	1500	27.09.2022	26.09.2024
								SEPL66F330M	18.12				
								SEPL66F335M	18.41				
								SEPL66F340M	18.67				
								SEPL66F345M	18.95				
								SEPL66F350M	19.22				
					iii	Mono C-Si PERC Modules	SEPL60F310M (310Wp)	SEPL66F355M	19.49	60 (Full Cells)	1500	27.09.2022	26.09.2024
								SEPL60F295M	17.75				
								SEPL60F300M	18.05				
								SEPL60F305M	18.36				
								SEPL60F310M	18.67				
								SEPL60F315M	18.98				
								SEPL60F320M	19.26				
					iv	Mono C-Si PERC Modules	SEPL54F280M (280Wp)	SEPL60F325M	19.59	54 (Full Cells)	1500	27.09.2022	26.09.2024
SEPL54F275M	18.34												
SEPL54F280M	18.67												
SEPL54F285M	18.99												
SEPL54F290M	19.33												
v	Mono C-Si PERC Modules	SEPL48F250M (250Wp)	SEPL48F240M	17.93	48 (Full Cells)	1500	27.09.2022	26.09.2024					
			SEPL48F245M	18.29									
			SEPL48F250M	18.67									
			SEPL48F255M	19.01									
			SEPL48F260M	19.39									
vi	Mono C-Si PERC Modules	SEPL144C375M (375Wp)	SEPL144C360M	17.93	144 (Half Cut Cells)	1500	27.09.2022	26.09.2024					
			SEPL144C365M	18.18									
			SEPL144C370M	18.43									
			SEPL144C375M	18.68									
			SEPL144C380M	18.93									
			SEPL144C385M	19.18									
			SEPL144C390M	19.44									
vii	Multi C-Si Modules	SEPL36F160P (160Wp)	SEPL36F155P	15.77	36 (Full Cells)	1500	27.09.2022	26.09.2024					
			SEPL36F160P	16.25									
			SEPL36F165P	16.74									
			SEPL48F200P	14.91									

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					viii	Multi C-Si Modules	SEPL48F210P, (210Wp)	SEPL48F205P	15.27	48 (Full Cells)	1500	27.09.2022	26.09.2024
								SEPL48F210P	15.66				
								SEPL48F215P	16.04				
								SEPL48F220P	16.41				
								SEPL48F225P	16.48				
								SEPL48F230P	17.23				
					ix	Multi C-Si Modules	SEPL54F235P, (235Wp)	SEPL54F225P	14.99	54 (Full Cells)	1500	27.09.2022	26.09.2024
								SEPL54F230P	15.32				
								SEPL54F235P	15.65				
								SEPL54F240P	15.99				
								SEPL54F245P	16.67				
								SEPL60F255P	15.43				
					x	Multi C-Si Modules	SEPL60F265P, (265Wp)	SEPL60F260P	15.72	60 (Full Cells)	1500	27.09.2022	26.09.2024
								SEPL60F265P	16.01				
								SEPL60F270P	16.33				
								SEPL60F275P	16.54				
								SEPL66F280P	15.41				
								SEPL66F285P	15.64				
					xi	Multi C-Si Modules	SEPL66F290P, (290Wp)	SEPL66F290P	15.92	66 (Full Cells)	1500	27.09.2022	26.09.2024
								SEPL66F295P	16.2				
SEPL66F300P	16.48												
SEPL72F300P	15.12												
SEPL72F305P	15.36												
SEPL72F315P	15.6												
xii	Multi C-Si Modules	SEPL72F315P, (315Wp)	SEPL72F320P	15.89	72 (Full Cells)	1500	27.09.2022	26.09.2024					
			SEPL72F325P	16.19									
			SEPL72F330P	16.4									
			SEPL72C285P	14.37									
			SEPL72C290P	14.61									
			SEPL72C295P	14.87									
xiii	Multi C-Si Modules	SEPL72C295P, (295Wp)	SEPL72C295P	14.87	72 (Full Cells)	1500	27.09.2022	26.09.2024					
			SEPL72F335P	16.91									
xiv	Multi C-Si Module	SEPL72F340P (340 Wp)	SEPL72F340P	17.12	72 (Full Cell)	1500	27.09.2022	26.09.2024					
			SEPL72F400M	20.16									
xv	Mono-PERC C-Si Module	SEPL72F400M (400Wp)	SEPL72F400M	20.16	72 (Full Cell)	1500	27.09.2022	26.09.2024					
			SEPLM10-500	19.35									
36	M/s. Cosmic PV Power Pvt. Ltd.	Block No:E-43/44, D-26/27, A-366 to A-371, A487 to A-492, L-365 and L-493, Hindwa Dreams, Dhoran Pardi, Gayapagal Road, Kamrej, Surat-394155	R-72005100	70	i	Multi C-Si Modules	Cos Po 330P (330 Wp)	SEPLM10-505	19.54	72 FULL CELL	1500	27.09.2022	26.09.2024
								SEPLM10-510	19.74				
								SEPLM10-515	19.93				
								SEPLM10-520	20.12				
								SEPLM10-525	20.32				
								SEPLM10-530	20.51				
								SEPLM10-535	20.71				
								SEPLM10-540	20.9				
								SEPLM10-545	21.09				
								SEPLM10-550	21.29				
								Cos Po 320P	16.49				
								Cos Po 325P	16.75				
								Cos Po 330P	17.01				
								Cos Po 335P	17.26				
Cos Po 300P	15.46												
Cos Po 305P	15.72												
Cos Po 310P	15.98												
Cos Po 315P	16.23												
Cos Po 260P	15.82												
Cos Po 265P	16.13												
Cos Po 270P	16.43												
Cos Po 275P	16.73												
Cos Po 280P	17.04												
Cos Po 250P	15.21												
Cos Po 255P	15.52												
E545HCMW144	21.1												
E540HCMW144	20.9												
E535HCMW144	20.71												
E530HCMW144	20.52												
E525HCMW144	20.32												
E520HCMW144	20.13												
E515HCMW144	19.94												
E510HCMW144	19.74												
E505HCMW144	19.55												
E500HCMW144	19.36												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Mono C-Si PERC Bi-Facial Modules	E520HCBG144 (520 Wp)	E495HCMW144	19.16	144 (Half Cut Cells)	1500	27.09.2022	26.09.2024
								E545HCBG144	21.1				
								E540HCBG144	20.9				
								E535HCBG144	20.71				
								E530HCBG144	20.52				
								E525HCBG144	20.32				
								E520HCBG144	20.13				
								E515HCBG144	19.94				
								E510HCBG144	19.74				
								E505HCBG144	19.55				
								E500HCBG144	19.36				
								E495HCBG144	19.16				
								E450HCMW120	20.74				
								E445HCMW120	20.51				
								E440HCMW120	20.28				
								E435HCMW120	20.05				
					E430HCMW120	19.82							
					E425HCMW120	19.59							
					E420HCMW120	19.36							
					E415HCMW120	19.13							
					E410HCMW120	18.9							
					E450HCBG120	20.74							
					E445HCBG120	20.51							
					E440HCBG120	20.28							
					E435HCBG120	20.05							
					E430HCBG120	19.82							
					E425HCBG120	19.59							
					E420HCBG120	19.36							
					E415HCBG120	19.13							
					E410HCBG120	18.9							
					v	Mono c-Si PERC Module	E550HCMW144	E550HCMW144	21.29	144 Half Cut Cells	1500	27.09.2022	26.09.2024
					vi	Bifacial Mono c-Si PERC Module	E550HCBG144	E550HCBG144	21.29	144 Half Cut Cells	1500	27.09.2022	26.09.2024
					vii	Bifacial Mono c-Si PERC Module	E395HCBG108	E385HCBG108	19.74	108 Half Cut Cells	1500	27.09.2022	26.09.2024
								E390HCBG108	20.00				
								E395HCBG108	20.25				
								E400HCBG108	20.51				
					E405HCBG108	20.76							
					viii	Bifacial Mono c-Si PERC Module	E490HCBG132	E480HCBG132	20.18	132 Half Cut Cells	1500	27.09.2022	26.09.2024
								E485HCBG132	20.40				
								E490HCBG132	20.61				
E495HCBG132	20.82												
E500HCBG132	21.03												
ix	Mono c-Si PERC Module	E395HCMW108	E385HCMW108	19.74	108 Half Cut Cells	1500	27.09.2022	26.09.2024					
			E390HCMW108	20.00									
			E395HCMW108	20.25									
			E400HCMW108	20.51									
			E405HCMW108	20.76									
x	Mono c-Si PERC Module	E490HCMW132	E480HCMW132	20.18	132 Half Cut Cells	1500	27.09.2022	26.09.2024					
			E485HCMW132	20.40									
			E490HCMW132	20.61									
			E495HCMW132	20.82									
			E500HCMW132	21.03									
38	M/s. Jyotitech Solar LLP	Plot No R-456, Rabale MIDC, TTC Industrial Area, Navi Mumbai-400701, Maharashtra, India.	R-71018171	36	i	Multi C-Si Modules	JTSP72F320 (320 Wp)	JTSP72F305	15.36	72 FULL CELL	1500	27.09.2022	26.09.2024
JTSP72F310	15.62												
JTSP72F315	15.87												
JTSP72F320	16.12												
JTSP72F325	16.37												
JTSP72F330	16.62												
JTSP72F335	16.88												
JTSP72F340	17.13												
JTSP66F270	14.79												
JTSP66F275	15.07												
JTSP66F280	15.34												
JTSP66F285	15.62												
JTSP66F290	15.9												
JTSP66F295	16.16												
JTSP66F300	16.43												
JTSP60F250	15.01												
JTSP60F255	15.32												
JTSP60F260	15.62												
					ii	Multi C-Si Modules	JTSP72F340 (340 Wp)	JTSP72F340	17.13	72 FULL CELL	1500	27.09.2022	26.09.2024
					iii	Multi C-Si Modules	JTSP66F280 (280 Wp)	JTSP66F270	14.79	66 FULL CELL	1500	27.09.2022	26.09.2024
JTSP66F275	15.07												
JTSP66F280	15.34												
JTSP66F285	15.62												
					iv	Multi C-Si Modules	JTSP66F300 (300 Wp)	JTSP66F290	15.9	66 FULL CELL	1500	27.09.2022	26.09.2024
JTSP66F295	16.16												
					v	Multi C-Si Modules	JTSP60F260 (260 Wp)	JTSP66F300	16.43	60 FULL CELL	1500	27.09.2022	26.09.2024
JTSP60F250	15.01												
JTSP60F255	15.32												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								JTSP60F265	15.92				
								JTSP60F270	16.23				
					vi	Multi C-Si Modules	JTSP60F275 (275 Wp)	JTSP60F275	16.56	60 FULL CELL	1500	27.09.2022	26.09.2024
								JTSP54F230	15.28				
					vii	Multi C-Si Modules	JTSP54F235 (235 Wp)	JTSP54F235	15.61	54 FULL CELL	1500	27.09.2022	26.09.2024
								JTSP54F240	15.95				
								JTSP54F245	16.28				
								JTSP48F200	14.87				
					viii	Multi C-Si Modules	JTSP48F210 (2100 Wp)	JTSP48F205	15.24	48 FULL CELL	1500	27.09.2022	26.09.2024
								JTSP48F210	15.61				
								JTSP48F215	15.99				
					ix	Multi C-Si Modules	JTSP42F200 (200 Wp)	JTSP42F200	16.95	42 FULL CELL	1500	27.09.2022	26.09.2024
								JTSP36F150	14.66				
					x	Multi C-Si Modules	JTSP36F155 (155 Wp)	JTSP36F155	15.15	36 FULL CELL	1000	27.09.2022	26.09.2024
								JTSP36F160	15.63				
					xi	Multi C-Si Modules	JTSP36F165 (165 Wp)	JTSP36F165	16.12				
								JTSP72C200	15.6				
					xii	Multi C-Si Modules	JTSP72C210 (210 Wp)	JTSP72C205	16.02	72 CUT CELL	1500	27.09.2022	26.09.2024
								JTSP72C210	16.41				
								JTSP72C215	16.8				
								JTSP72C220	17.19				
								JTSP72C250	15.24				
					xiii	Multi C-Si Modules	JTSP72C260 (260 Wp)	JTSP72C255	15.55				
								JTSP72C260	15.85				
								JTSP72C265	16.16				
								JTSP72C270	16.46				
					xiv	Multi C-Si Modules	JTSP72C275 (275 Wp)	JTSP72C275	16.77	72 CUT CELL	1500	27.09.2022	26.09.2024
					xv	Multi C-Si Modules	JTSP36C030 (30 Wp)	JTSP36C030	12.78	36 CUT CELL	1000	27.09.2022	26.09.2024
					xvi	Multi C-Si Modules	JTSP36C35 (35 Wp)	JTSP36C35	11.83	36 CUT CELL	1000	27.09.2022	26.09.2024
					xvii	Multi C-Si Modules	JTSP36C040 (40 Wp)	JTSP36C040	13.52	36 CUT CELL	1000	27.09.2022	26.09.2024
					xviii	Multi C-Si Modules	JTSP36C045 (45 Wp)	JTSP36C045	15.21	36 CUT CELL	1000	27.09.2022	26.09.2024
					xix	Multi C-Si Modules	JTSP36C050 (50 Wp)	JTSP36C050	13.5	36 CUT CELL	1000	27.09.2022	26.09.2024
					xx	Multi C-Si Modules	JTSP36C055 (55 Wp)	JTSP36C055	14.84	36 CUT CELL	1000	27.09.2022	26.09.2024
					xxi	Multi C-Si Modules	JTSP36C060 (60 Wp)	JTSP36C060	14	36 CUT CELL	1000	27.09.2022	26.09.2024
					xxii	Multi C-Si Modules	JTSP36C065 (65 Wp)	JTSP36C065	15.17	36 CUT CELL	1000	27.09.2022	26.09.2024
					xxiii	Multi C-Si Modules	JTSP36C070 (70 Wp)	JTSP36C070	13.03	36 CUT CELL	1000	27.09.2022	26.09.2024
					xxiv	Multi C-Si Modules	JTSP36C075 (75 Wp)	JTSP36C075	13.96	36 CUT CELL	1000	27.09.2022	26.09.2024
					xxv	Multi C-Si Modules	JTSP36C080 (80 Wp)	JTSP36C080	14.89	36 CUT CELL	1000	27.09.2022	26.09.2024
					xxvi	Multi C-Si Modules	JTSP36C085 (85 Wp)	JTSP36C085	15.82	36 CUT CELL	1000	27.09.2022	26.09.2024
					xxvii	Multi C-Si Modules	JTSP36C090 (90 Wp)	JTSP36C090	12.66	36 CUT CELL	1000	27.09.2022	26.09.2024
								JTSP36C095	13.36				
					xxviii	Multi C-Si Modules	JTSP36C100 (100 Wp)	JTSP36C100	14.07	36 CUT CELL	1000	27.09.2022	26.09.2024
								JTSP36C105	14.78				
								JTSP36C110	15.48				
					xxix	Multi C-Si Modules	JTSP36C115 (115 Wp)	JTSP36C115	14.64	36 CUT CELL	1000	27.09.2022	26.09.2024
								JTSP36C120	15.28				
								JTSP36C125	15.92				
					xxx	Multi C-Si Modules	JTSP36C130 (130 Wp)	JTSP36C130	16.55	36 CUT CELL	1000	27.09.2022	26.09.2024
								JTSP36C135	17.19				
								JTSP36C140	14.45				
					xxxi	Multi C-Si Modules	JTSP36C145 (145 Wp)	JTSP36C145	14.96	36 CUT CELL	1000	27.09.2022	26.09.2024
								JTSP36C150	15.48				
								JTSM72F370	18.64				
								JTSM72F375	18.9				
					xxxii	Mono PERC C-Si Modules	JTSM72F385 (385 Wp)	JTSM72F380	19.14	72 FULL CELL	1500	27.09.2022	26.09.2024
								JTSM72F385	19.36				
								JTSM72F390	19.65				
								JTSM72F395	19.89				
								JTSM72F400	20.15				
								JTSM66F335	18.36				
					xxxiii	Mono PERC C-Si Modules	JTSM66F350 (350 Wp)	JTSM66F340	18.63	66 FULL CELL	1500	27.09.2022	26.09.2024
								JTSM66F345	18.9				
								JTSM66F350	19.18				
								JTSM66F355	19.45				
								JTSM66F360	19.73				
								JTSM60F300	18.29				
					xxxiv	Mono PERC C-Si Modules	JTSM60F310 (310 Wp)	JTSM60F305	18.58	60 FULL CELL	1500	27.09.2022	26.09.2024
								JTSM60F310	18.9				
								JTSM60F315	19.2				
								JTSM60F320	19.51				
								JTSM60F325	19.81				
								JTSM54F280	18.6				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxxv	Mono PERC C-Si Modules	JTSM54F290 (290 Wp)	JTSM54F285	18.53	54 FULL CELL	1500	27.09.2022	26.09.2024
								JTSM54F290	19.26				
								JTSM54F295	19.6				
								JTSM54F300	19.93				
					xxxvi	Mono PERC C-Si Modules	JTSM48F250 (250 Wp)	JTSM48F245	18.21	48 FULL CELL	1500	27.09.2022	26.09.2024
								JTSM48F250	18.59				
								JTSM48F255	18.96				
								JTSM48F260	19.33				
					xxxvii	Mono PERC C-Si Modules	JTSM42F220 (220 Wp)	JTSM42F220	18.64	42 FULL CELL	1500	27.09.2022	26.09.2024
								JTSM36F180	17.59				
					xxxviii	Mono PERC C-Si Modules	JTSM36F185 (185 Wp)	JTSM36F185	18.07	36 FULL CELL	1000	27.09.2022	26.09.2024
								JTSM36F190	18.57				
39	M/s. Suryakamal Energy Pvt. Ltd	Survey No 1303, Shade No 4, Radhika Enterprise, Urdrel, Daskroi, Ahmedabad, Gujarat-382433, India	R-72004596	27	i	Multi C-Si Modules	SK72C315W (315 Wp)	SK72C330W	17	72 FULL CELL	1000	27.09.2022	26.09.2024
SK72C325W	16.7												
SK72C320W	16.5												
SK72C315W	16.2												
SK72C300W	15.5												
ASPD-315	16.19												
40	M/s. Abhishek Solar Industries Pvt. Ltd	P.O- Vikash Neori, Beside Premchand Mahto High School, Ranchi-835217, Jharkhand	R-58000086	25	i	Multi C-Si Modules	ASPD-325 (325 Wp)	ASPD-325	16.81	72 Full Cells	1500	25.01.2023	24.01.2025
								ASPD-335	17.35				
								ASP-315	16.19				
					ii	Multi C-Si Modules	ASP-325 (325 Wp)	ASP-325	16.81	72 Full Cells	1500	25.01.2023	24.01.2025
								ASP-335	17.35				
								ASP-260	15.9				
					iii	Multi C-Si Modules	ASP-265 (265 Wp)	ASP-265	16.25	60 Full Cells	1500	25.01.2023	24.01.2025
								ASP-270	16.54				
								ASP-275	16.93				
					iv	Multi C-Si Modules	ASPD-265 (265 Wp)	ASPD-260	15.95	60 Full Cells	1500	25.01.2023	24.01.2025
								ASPD-265	16.15				
								ASPD-270	16.56				
v	Multi C-Si Modules	ASPD-240 (240 Wp)	ASPD-275	16.48	54 Full Cells	1500	25.01.2023	24.01.2025					
			ASPD-230	15.67									
			ASPD-240	16.35									
vi	Multi C-Si Modules	ASPD-200 (200 Wp)	ASPD-190	15.12	42 Full Cells	1500	25.01.2023	24.01.2025					
			ASPD-200	16.31									
vii	Multi C-Si Modules	ASPD-160 (160 Wp)	ASPD-160	16.1	36 Full Cells	1000	25.01.2023	24.01.2025					
			ASPD-125 (125 Wp)	16.05									
viii	Multi C-Si Modules	ASPD-125 (125 Wp)	ASPD-125	16.05	36 Cut Cells	1000	25.01.2023	24.01.2025					
			ASP-100 (100 Wp)	15.5									
ix	Multi C-Si Modules	ASP-100 (100 Wp)	ASP-100	15.5	36 Cut Cells	1000	25.01.2023	24.01.2025					
			ASP-75 (75 Wp)	14.55									
x	Multi C-Si Modules	ASPD-75 (75 Wp)	ASPD-75	14.55	36 Cut Cells	1000	25.01.2023	24.01.2025					
			ASP-75 (75 Wp)	14.55									
xi	Multi C-Si Modules	ASPD-60 (60 Wp)	ASPD-60	14.8	36 Cut Cells	1000	25.01.2023	24.01.2025					
			ASPD-40 (40 Wp)	13.87									
xiii	Multi C-Si Modules	ASPD-40 (40 Wp)	ASPD-40	13.87	36 Cut Cells	1000	25.01.2023	24.01.2025					
			ASPL365MP72	18.39									
41	M/s. Aatmanirbhar Solar Pvt. Ltd.	Survey no 192, Dudhathal, Kheda, Gujarat - 387620, India	R-72005940	100	i	Mono C-Si PERC Modules	ASPL380MP72 (380 Wp)	ASPL370MP72	18.64	72 FULL CELL	1500	25.01.2023	24.01.2025
								ASPL375MP72	18.89				
								ASPL380MP72	19.14				
								ASPL385MP72	19.4				
								ASPL390MP72	19.65				
								ASPL395MP72	19.9				
					ii	Multi C-Si Modules	ASPL320P72 (320 Wp)	ASPL305P72	15.72	72 FULL CELL	1500	25.01.2023	24.01.2025
								ASPL310P72	15.98				
								ASPL315P72	16.23				
								ASPL320P72	16.49				
								ASPL325P72	16.75				
								ASPL330P72	17.01				
42	M/s. Ameya Solar & Semiconductor Pvt. Ltd.	Survey No. 161/1/1A, Rajpeta Road, Maridimamba Temple, Nagavaram Village, Munugapaka Mandlam, Vishaka Patnam, Andhra Pradesh-531033, India	R-66001040	14	i	Multi C-Si Modules	ASSPL-1210 (10 Wp)	ASSPL-1210	9.52	36 (Cut Cells)	600	25.01.2023	24.01.2025
								ASSPL-1240 (40 Wp)	12.4				
					ii	Multi C-Si Modules	ASSPL-1250 (50 Wp)	ASSPL-1250	13.43	36 (Cut Cells)	600	25.01.2023	24.01.2025
								ASSPL-1275 (75 Wp)	14.01				
					iv	Multi C-Si Modules	ASSPL-12100 (100 Wp)	ASSPL-12100	14.53	36 (Cut Cells)	600	25.01.2023	24.01.2025
								ASSPL-12160 (160 Wp)	16.2				
vi	Multi C-Si Modules	ASSPL-12160 (160 Wp)	ASSPL-12160	16.2	36 (Full Cells)	1000	25.01.2023	24.01.2025					
			ASSPL-20250	15.19									

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vii	Multi C-Si Modules	ASSPL-20260 (260 Wp)	ASSPL-20260	15.8	60 (Full Cells)	1500	25.01.2023	24.01.2025
								ASSPL-20270	16.4				
								ASSPL-24300	15.32				
					viii	Multi C-Si Modules	ASSPL-24310 (310 Wp)	ASSPL-24310	15.83	72 (Full Cells)	1500	25.01.2023	24.01.2025
								ASSPL-24320	16.34				
								ASSPL-24330	16.85				
					ix	Multi C-Si Modules	ASSPL-24340 (340 Wp)	ASSPL-24340	17.36	72 (Full Cells)	1500	25.01.2023	24.01.2025
								ASSPL-24350	18.87				
43	M/s. Agrawal Renewable Energy Pvt. Ltd	Plot No. 66/O, Dhoop Building, Volvoi Road, Culti, Ponda, South Goa - 403401, India	R-71013536	143	i	Mono C-Si PERC Modules	DHOOP PM72 345 (345Wp)	DHOOP PM72 330Wp	17	72 (Full Cells)	1500	25.01.2023	24.01.2025
								DHOOP PM72 335Wp	17.26				
								DHOOP PM72 340Wp	17.52				
								DHOOP PM72 345Wp	17.78				
								DHOOP PM72 350Wp	18.03				
								DHOOP PM72 355Wp	18.3				
								DHOOP PM72 360Wp	18.55				
								DHOOP PM72 370Wp	19.01				
								DHOOP PM72 375Wp	19.26				
								DHOOP PM72 380Wp	19.52				
					ii	Mono C-Si PERC Modules	DHOOP PM72 385 (385Wp)	DHOOP PM72 385Wp	19.78	72 (Full Cells)	1500	25.01.2023	24.01.2025
								DHOOP PM72 385Wp	19.78				
								DHOOP PM72 390Wp	20.04				
								DHOOP PM72 395Wp	20.29				
								DHOOP PM72 400Wp	20.55				
								DHOOP PP48 200Wp	15.2				
								DHOOP PP48 205Wp	15.64				
					iii	Multi C-Si Modules	DHOOP PP48 210 (210Wp)	DHOOP PP48 210Wp	15.89	48 (Full Cells)	1500	25.01.2023	24.01.2025
								DHOOP PP48 215Wp	16.27				
								DHOOP PP48 220Wp	16.64				
								DHOOP PP48 225Wp	17.02				
					iv	Multi C-Si Modules	DHOOP PP48 225 (225Wp)	DHOOP PP48 230Wp	17.4	48 (Full Cells)	1500	25.01.2023	24.01.2025
								DHOOP PP48 235Wp	17.78				
								DHOOP PP60 250Wp	15.16				
								DHOOP PP60 255Wp	15.46				
					v	Multi C-Si Modules	DHOOP PP60 260 (260Wp)	DHOOP PP60 260Wp	15.76	60 (Full Cells)	1500	25.01.2023	24.01.2025
								DHOOP PP60 265Wp	16.07				
								DHOOP PP60 270Wp	16.37				
								DHOOP PP60 275Wp	16.67				
					vi	Multi C-Si Modules	DHOOP PP60 280 (280Wp)	DHOOP PP60 280Wp	17.08	60 (Full Cells)	1500	25.01.2023	24.01.2025
								DHOOP PP72 300Wp	15.41				
								DHOOP PP72 305Wp	15.67				
								DHOOP PP72 310Wp	15.92				
								DHOOP PP72 315Wp	16.18				
								DHOOP PP72 320Wp	16.44				
								DHOOP PP72 325Wp	16.69				
								DHOOP PP72 330Wp	16.95				
								DHOOP PP72 335Wp	17.26				
					vii	Multi C-Si Modules	DHOOP PP72 335 (335Wp)	DHOOP PP72 340Wp	17.52	72 (Full Cells)	1500	25.01.2023	24.01.2025
								DHOOP PP72 340Wp	17.52				
					ix	Multi C-Si Modules	DHOOP PP36 100 (100Wp)	DHOOP PP36 100Wp	14.63	36 (Cut Cells)	1500	25.01.2023	24.01.2025
					x	Multi C-Si Modules	DHOOP PP36 110 (110Wp)	DHOOP PP36 110Wp	16.18	36 (Cut Cells)	1500	25.01.2023	24.01.2025
					xi	Multi C-Si Modules	DHOOP PP36 120 (120Wp)	DHOOP PP36 120Wp	16.51	36 (Cut Cells)	1500	25.01.2023	24.01.2025
					xii	Multi C-Si Modules	DHOOP PP36 150 (150Wp)	DHOOP PP36 150Wp	15.01	36 (Full Cells)	1500	25.01.2023	24.01.2025
					xiii	Multi C-Si Modules	DHOOP PP36 160 (160Wp)	DHOOP PP36 160Wp	16.14	36 (Full Cells)	1500	25.01.2023	24.01.2025
					xiv	Multi C-Si Modules	DHOOP PP36 40 (40Wp)	DHOOP PP36 40Wp	13.31	36 (Cut Cells)	1500	25.01.2023	24.01.2025
					xv	Multi C-Si Modules	DHOOP PP36 50 (50Wp)	DHOOP PP36 50Wp	13.35	36 (Cut Cells)	1500	25.01.2023	24.01.2025
					xvi	Multi C-Si Modules	DHOOP PP36 60 (60Wp)	DHOOP PP36 60Wp	13.74	36 (Cut Cells)	1500	25.01.2023	24.01.2025
					xvii	Multi C-Si Modules	DHOOP PP36 75 (75Wp)	DHOOP PP36 75Wp	14.27	36 (Cut Cells)	1500	25.01.2023	24.01.2025
					xviii	Multi C-Si Modules	DHOOP PP36 80 (80Wp)	DHOOP PP36 80Wp	14.75	36 (Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-72HG-495	19.11				
								DHF-72HG-500	19.30				
								DHF-72HG-505	19.50				
								DHF-72HG-510	19.69				
					xix	Bifacial Mono c-Si PERC Module	DHF-72HG-520 (520 Wp)	DHF-72HG-520	19.88	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
								DHF-72HG-515	19.88				
								DHF-72HG-520	20.08				
								DHF-72HG-525	20.27				

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
								DHF-72HG-530	20.46				
								DHF-72HG-535	20.66				
					xx	Bifacial Mono c-Si PERC Module	DHF-72HG-545 (545 Wp)	DHF-72HG-540	20.85	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
							DHF-72HG-545	21.04					
							DHF-72HG-550	21.24					
					xxi	Bifacial Mono c-Si PERC Module	DHF-66HG-470 (470 Wp)	DHF-66HG-455	19.12	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
							DHF-66HG-460	19.33					
							DHF-66HG-465	19.54					
							DHF-66HG-470	19.75					
							DHF-66HG-475	19.96					
							DHF-66HG-480	20.17					
							DHF-66HG-485	20.38					
					xxii	Bifacial Mono c-Si PERC Module	DHF-66HG-495 (495 Wp)	DHF-66HG-490	20.59	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
							DHF-66HG-495	20.80					
							DHF-66HG-500	21.01					
					xxiii	Bifacial Mono c-Si PERC Module	DHF-54HG-380 (380 Wp)	DHF-66HG-505	21.22	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
							DHF-54HG-375	19.13					
							DHF-54HG-380	19.38					
							DHF-54HG-385	19.64					
					xxiv	Bifacial Mono c-Si PERC Module	DHF-54HG-405 (405 Wp)	DHF-54HG-390	19.89	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
							DHF-54HG-395	20.15					
							DHF-54HG-400	20.40					
					xxv	Bifacial Mono c-Si PERC Module	DHF-60HG-575 (575 Wp)	DHF-54HG-405	20.66	120 (Half Cut Cells)	1500	25.01.2023	24.01.2025
							DHF-54HG-410	20.91					
							DHF-60HG-600	20.75					
							DHF-60HG-595	20.58					
							DHF-60HG-590	20.40					
							DHF-60HG-585	20.23					
							DHF-60HG-580	20.06					
							DHF-60HG-575	19.88					
							DHF-60HG-570	19.71					
							DHF-60HG-565	19.54					
							DHF-60HG-560	19.37					
					xxvi	Bifacial Mono c-Si PERC Module	DHF-54HG-515 (515 Wp)	DHF-60HG-555	19.19	108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
							DHF-60HG-550	19.20					
							DHF-54HG-540	20.78					
							DHF-54HG-535	20.58					
							DHF-54HG-530	20.39					
							DHF-54HG-525	20.20					
							DHF-54HG-520	20.01					
							DHF-54HG-515	19.81					
							DHF-54HG-510	19.62					
							DHF-54HG-505	19.43					
							DHF-54HG-500	19.24					
					xxvii	Bifacial Mono c-Si PERC Module	DHF-48HG-460 (460 Wp)	DHF-54HG-495	19.05	96 (Half Cut Cells)	1500	25.01.2023	24.01.2025
							DHF-48HG-480	20.69					
							DHF-48HG-475	20.48					
							DHF-48HG-470	20.26					
							DHF-48HG-465	20.05					
							DHF-48HG-460	19.83					
							DHF-48HG-455	19.62					
							DHF-48HG-450	19.40					
							DHF-48HG-445	19.18					
							DHF-72H-550	21.24					
					xxviii	Mono c-Si PERC Module	DHF-72H-525 (525 Wp)	DHF-72H-545	21.04	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
							DHF-72H-545	20.85					
							DHF-72H-540	20.66					
							DHF-72H-535	20.46					
							DHF-72H-530	20.27					
							DHF-72H-525	20.08					
							DHF-72H-520	19.88					
							DHF-72H-515	19.69					
							DHF-72H-510	19.50					
							DHF-72H-505	19.30					
					xxix	Mono c-Si PERC Module	DHF-72H-500 (500 Wp)	DHF-72H-500	19.11	144 (Half Cut Cells)	1500	25.01.2023	24.01.2025
							DHF-72H-495	19.11					
							DHF-66H-505	21.22					
					xxx	Mono c-Si PERC Module	DHF-66H-490 (490 Wp)	DHF-66H-500	21.01	132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
							DHF-66H-495	20.80					
							DHF-66H-490	20.59					
							DHF-66H-485	20.38					
							DHF-66H-480	20.17					
							DHF-66H-475	19.96					



S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxx	Mono c-Si PERC Module	DHF-66H-460 (4600 Wp)	DHF-66H-470 19.75 DHF-66H-465 19.54 DHF-66H-460 19.33 DHF-66H-455 19.12		132 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxxii	Mono c-Si PERC Module	DHF-54H-400 (400 Wp)	DHF-54H-410 20.91 DHF-54H-405 20.66 DHF-54H-400 20.40 DHF-54H-395 20.15 DHF-54H-390 19.89 DHF-54H-385 19.64		108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxxiii	Mono c-Si PERC Module	DHF-54H-380 (380 Wp)	DHF-54H-380 19.38 DHF-54H-375 19.13		108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxxiv	Mono c-Si PERC Module	DHF-60H-575 (575 Wp)	DHF-60H-600 20.76 DHF-60H-595 20.58 DHF-60H-590 20.40 DHF-60H-585 20.23 DHF-60H-580 20.06 DHF-60H-575 19.88 DHF-60H-570 19.71 DHF-60H-565 19.54 DHF-60H-560 19.37 DHF-60H-555 19.19 DHF-60H-550 19.02		120 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxxv	Mono c-Si PERC Module	DHF-54H-515 (515 Wp)	DHF-54H-540 20.78 DHF-54H-535 20.58 DHF-54H-530 20.39 DHF-54H-525 20.20 DHF-54H-520 20.01 DHF-54H-515 19.81 DHF-54H-510 19.62 DHF-54H-505 19.43 DHF-54H-500 19.24 DHF-54H-495 19.05		108 (Half Cut Cells)	1500	25.01.2023	24.01.2025
					xxxvi	Mono c-Si PERC Module	DHF-48H-460 (460 Wp)	DHF-48H-480 20.69 DHF-48H-475 20.48 DHF-48H-470 20.26 DHF-48H-465 20.05 DHF-48H-460 19.83 DHF-48H-455 19.62 DHF-48H-450 19.40 DHF-48H-445 19.18		96 (Half Cut Cells)	1500	25.01.2023	24.01.2025
44	M/s. Sunify Solar LLP	Sr. 624 on N/H- 947, Village Sarvad TA Morbi-363660, Gujarat, India	R-72005800	89	i	Multi C-Si Modules	SS72F330P (330 Wp)	SS72F315P 16.23 SS72F320P 16.49 SS72F325P 16.75 SS72F330P 17.01		72 (Full Cell)	1500	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	SS66F290P (290 Wp)	SS66F280P 15.67 SS66F285P 15.95 SS66F290P 16.23 SS66F295P 16.51 SS66F300P 16.79		66 (Full Cell)	1500	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	SS60F255P (255 Wp)	SS60F250P 15.4 SS60F255P 15.71 SS60F260P 16.01		60 (Full Cell)	1500	25.01.2023	24.01.2025
					iv	Multi C-Si Modules	SS60F265P (265 Wp)	SS60F265P 16.32 SS60F270P 16.63		60 (Full Cell)	1500	25.01.2023	24.01.2025
					v	Mono C-Si PERC Modules	SS72F385M (385 Wp)	SS72F370M 18.62 SS72F375M 18.87 SS72F380M 19.12 SS72F385M 19.38 SS72F390M 19.63		72 (Full Cell)	1500	25.01.2023	24.01.2025
					vi	Mono C-Si PERC Modules	SS66F340M (340 Wp)	SS66F325M 17.86 SS66F330M 18.12 SS66F335M 18.41 SS66F340M 18.67 SS66F345M 18.95 SS66F350M 19.22 SS66F355M 19.49		66 (Full Cell)	1500	25.01.2023	24.01.2025
					vii	Mono C-Si PERC Modules	SS60F310M (310 Wp)	SS60F295M 17.75 SS60F300M 18.05 SS60F305M 18.36 SS60F310M 18.67 SS60F315M 18.98		60 (Full Cell)	1500	25.01.2023	24.01.2025

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SS60F320M	19.26				
								SS60F325M	19.59				
					viii	Mono C-Si PERC Modules	SS144C390M (390 Wp)	SS144C375M	18.67	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
							SS144C380M	18.92					
							SS144C385M	19.17					
							SS144C390M	19.42					
							SS132C480M	20.21					
					ix	Mono c-Si PERC Module	SS132C490M (490 Wp)	SS132C485M	20.45	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025
							SS132C490M	20.64					
							SS132C495M	20.85					
							SS132C500M	21.06					
							SS144C505M	19.55					
					x	Mono c-Si PERC Module	SS144C505M (505 Wp)	SS144C510M	19.75	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
							SS144C515M	19.94					
							SS144C520M	20.13					
							SS144C525M	20.32					
							SS144C530M	20.52					
					xi	Mono c-Si PERC Module	SS144C535M (535 Wp)	SS144C535M	20.71	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
							SS144C540M	20.9					
							SS144C545M	21.1					
							SS144C550M	21.29					
							SS144C555M	21.48					
							SS144C560M	21.68					
							SS156C565M	20.21					
							SS156C570M	20.39					
							SS156C575M	20.57					
							SS156C580M	20.75					
					xii	Mono c-Si PERC Module	SS156C565M (565 Wp)	SS156C585M	20.93	156 (Half Cut Cell)	1500	25.01.2023	24.01.2025
							SS156C570M	20.39					
							SS156C575M	20.57					
							SS156C580M	20.75					
							SS156C585M	20.93					
45	M/s. Unique Sun Power LLP	BL No. 2281/2/1/1, Sub Plot 1-A, Tadkeshwar, Near Areth Minnor Canal, Mandvi, Surat, Gujarat-394170, India	R-72005550	43	i	Multi C-Si Modules	SUN36P075 (75 Wp)	SUN36P075	7.45	36 (Cut Cell)	600	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	SUN36P100 (100 Wp)	SUN36P100	9.94	36 (Cut Cell)	600	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	SUN36P150 (150 Wp)	SUN36P150	14.91	36 (Cut Cell)	600	25.01.2023	24.01.2025
					iv	Multi C-Si Modules	SUN36P160 (160Wp)	SUN36P155	15.41	36 (Full Cell)	1000	25.01.2023	24.01.2025
							SUN36P160	15.94					
							SUN36P165	16.41					
							SUN48P205	15.23					
							SUN48P210	15.6					
					v	Multi C-Si Modules	SUN48P210 (210 Wp)	SUN48P220	16.34	48 (Full Cell)	1000	25.01.2023	24.01.2025
							SUN60P260	15.61					
							SUN60P265	15.91					
							SUN60P270	16.21					
							SUN60P275	16.51					
					vi	Multi C-Si Modules	SUN60P265 (265 Wp)	SUN72P310	15.56	60 (Full Cell)	1500	25.01.2023	24.01.2025
							SUN72P315	15.88					
							SUN72P320	16.13					
							SUN72P325	16.39					
							SUN72P330	16.64					
					vii	Multi C-Si Modules	SUN72P325 (325 Wp)	SUN72P333	16.79	72 (Full Cell)	1500	25.01.2023	24.01.2025
							SUN72P335	16.9					
							SUN144P550	21.34					
							SUN144P545	21.14					
							SUN144P540	20.95					
					viii	Mono PERC C-Si Module	SUN144P535 (535 Wp)	SUN144P535	20.95	144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
							SUN144P530	20.76					
							SUN144P525	20.56					
							SUN144P520	20.37					
							SUN120P465	20.18					
					ix	Mono PERC C-Si Module	SUN120P445 (445 Wp)	SUN120P460	21.45	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025
							SUN120P455	21.23					
							SUN120P450	21.01					
							SUN120P445	20.79					
							SUN120P440	20.55					
					x	Mono PERC C-Si Module	SUN108P410 (410 Wp)	SUN120P440	20.30	108 (Half Cut Cell)	1500	25.01.2023	24.01.2025
							SUN120P435	20.07					
							SUN108P420	21.43					
							SUN108P415	21.16					
							SUN108P410	20.90					
							SUN108P405	20.65					
							SUN108P400	20.39					
46	M/s. Ankur Traders & Engineers Private Limited	D-130, B.S. Road, Industrial Area, Ghaziabad-201009, Uttar Pradesh	R-93009695	45	i	Mono PERC C-Si Module	ASM585(585 Wp)	ASM560	20.03	156 (Half Cut Cells)	1500	25.01.2023	24.01.2025
							ASM565	20.21					
							ASM570	20.39					
							ASM575	20.57					
							ASM580	20.75					
							ASM585	20.95					
							ASM590	21.13					
							ASM595	21.31					



S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity																													
												From	To (subject to valid BIS Registration; else deemed to be delisted)																												
48	M/s. Credence Solar Panels Private Limited	Plot No. 18&19, Survey No. 142/2, Rajkot-Jamnagar Highway, Padadhari, Rajkot, Gujarat	R-72006165	125	i	Mono PERC C-Si Module	CS-QU650-132 (650 Wp)	CS-QU670-132	21.60	132 (Half Cut Cell)	1500	25.01.2023	24.01.2025																												
								CS-QU665-132	21.50																																
								CS-QU660-132	21.30																																
								CS-QU655-132	21.10																																
								CS-QU650-132	20.44																																
								CS-QU645-132	20.28																																
								CS-QU640-132	20.13																																
								CS-QU635-132	19.97																																
								CS-QU630-132	19.81																																
								CS-QU625-132	19.66																																
								CS-QU620-132	19.5																																
								CS-QU590-120	20.76					120 (Half Cut Cell)	1500	25.01.2023	24.01.2025																								
								CS-QU585-120	20.58																																
								CS-QU580-120	20.41																																
								CS-QU575-120	20.23																																
								CS-QU570-120	20.05																																
								CS-QU565-120	19.88																																
								CS-QU560-120	19.7																																
								CS-QU555-120	19.53																																
								CS-QU550-120	19.35																																
								CS-QU540-110	20.67									110 (Half Cut Cell)	1500	25.01.2023	24.01.2025																				
								CS-QU535-110	20.48																																
								CS-QU530-110	20.28																																
								CS-QU525-110	20.09																																
								CS-QU520-110	19.9																																
								CS-QU515-110	19.71																																
								CS-QU510-110	19.52																																
								CS-QU505-110	19.33																																
								CS-QU500-110	19.14																																
								CS-QB650-132	20.47													132 (Half Cut Cell)	1500	25.01.2023	24.01.2025																
								CS-QB645-132	20.31																																
								CS-QB640-132	20.15																																
								CS-QB635-132	19.99																																
								CS-QB630-132	19.84																																
								CS-QB625-132	19.68																																
								CS-QB620-132	19.52																																
								CS-QB590-120	20.77																	120 (Half Cut Cell)	1500	25.01.2023	24.01.2025												
								CS-QB585-120	20.6																																
								CS-QB580-120	20.42																																
								CS-QB575-120	20.25																																
								CS-QB570-120	20.07																																
								CS-QB565-120	19.89																																
								CS-QB560-120	19.72																																
								CS-QB555-120	19.54																																
								CS-QB550-120	19.37																																
								CS-QB540-110	20.67																					110 (Half Cut Cell)	1500	25.01.2023	24.01.2025								
								CS-QB535-110	20.48																																
								CS-QB530-110	20.28																																
								CS-QB525-110	20.09																																
								CS-QB520-110	19.9																																
								CS-QB515-110	19.71																																
								CS-QB510-110	19.52																																
								CS-QB505-110	19.33																																
								CS-QB500-110	19.14																																
								CS-HN550-144	20.95																									144 (Half Cut Cell)	1500	25.01.2023	24.01.2025				
								CS-HN545-144	20.76																																
								CS-HN540-144	20.57																																
								CS-HN535-144	20.38																																
								CS-HN530-144	20.19																																
								CS-HN525-144	20																																
								CS-HN520-144	19.81																																
								CS-HN515-144	19.62																																
								CS-HN510-144	19.43																																
								CS-HN505-144	19.24																																
								CS-HN500-144	19.04																																
								CS-SN340-144	17.1																													144 (Half Cut Cell)	1500	25.01.2023	24.01.2025
								CS-SN335-144	16.85																																
								CS-SN330-144	16.6																																
								CS-SN325-144	16.35																																
								CS-SN320-144	16.1																																
								CS-SN315-144	15.85																																
								CS-SN310-144	15.59																																

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity																								
												From	To (subject to valid BIS Registration; else deemed to be delisted)																							
49	M/s Ganesh Electricals Pvt. Ltd	Survey No. 319/320/321, Tundali, Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna - 382732, Gujarat	R-72005886	69	i	Mono PERC C-Si Modules	SGM-390 (390 Wp)	SGM-400	20.61	72 (Full Cell)	1500	25.01.2023	24.01.2025																							
								SGM-395	20.36																											
								SGM-390	20.01																											
								SGM-385	19.84																											
								SGM-380	19.58																											
								SGM-375	19.33																											
								SGM-345	19.3																											
								SGM-340	19.02																											
								ii	Mono PERC C-Si Modules					SGM-345 (345 Wp)	SGM-330	20.33	66 (Full Cell)	1500	25.01.2023	24.01.2025																
															SGM-330	20.33																				
iii	Mono PERC C-Si Modules	SGM-330 (330 Wp)	SGM-150	15.03	36 (Full Cell)	1500	25.01.2023			24.01.2025																										
			SGM-150	15.03																																
			iv	Mono PERC C-Si Modules							SGM-150 (150 Wp)	SG-330	17.01		72 (Full Cell)	1500					25.01.2023	24.01.2025														
												SG-325	16.75																							
												SG-320	16.49																							
												SG-315	16.23																							
												SG-310	15.98																							
												SG-300	15.46																							
								v	Multi C-Si Modules			SG-315 (315 Wp)	SG-300Z	16.78			66 (Full Cell)	1500	25.01.2023	24.01.2025																
													SG-250	15.4																						
vi	Multi C-Si Modules	SG-250 (250 Wp)			SG-200	15.2	48 (Full Cell)			1500			25.01.2023	24.01.2025																						
					SG-200	15.2																														
			vii	Multi C-Si Modules	SG-200 (200 Wp)	SG-200Z					16.89				42 (Full Cell)	1500					25.01.2023	24.01.2025														
						SG-200Z					16.89																									
						viii					Multi C-Si Modules												SG-200Z (200 Wp)	SG-150	15.03	36 (Full Cell)	1500	25.01.2023	24.01.2025							
																								SG-150	15.03											
																								ix	Multi C-Si Modules					SG-150 (150 Wp)	H300P72	14.9	72 (Full Cell)	1500	25.01.2023	24.01.2025
																															H305P72	15.14				
								H310P72	15.39																											
								H315P72	15.64																											
H320P72	15.89																																			
H325P72	16.14																																			
H330P72	16.39																																			
H335P72	16.63																																			
x	Multi C-Si Modules	SG-150 (150 Wp)	H150P36	14.76	36 (Full Cell)	1500	25.01.2023	24.01.2025																												
			H155P36	15.26																																
			H160P36	15.75																																
			H500M144	19.36					144 (Half Cut Cells)	1500	25.01.2023	24.01.2025																								
			H505M144	19.55																																
			H510M144	19.74																																
			H515M144	19.94																																
			H520M144	20.13																																
			H525M144	20.32																																
			H530M144	20.52																																
H535M144	20.71																																			
H540M144	20.9																																			
H545M144	21.1																																			
i	Multi C-Si Modules	H315P72 (315 Wp)	H385M72	19.11	72 (Full Cells)	1500	25.01.2023	24.01.2025																												
			H390M72	19.36																																
			H395M72	19.61																																
			H400M72	19.86																																
			H405M72	20.11																																
			H410M72	20.36																																
			ii	Multi C-Si Modules					H335P72 (335 Wp)	INV-P-24V-320wp	16.5	72 (Full Cell)	1500	25.01.2023	24.01.2025																					
										INV-P-24V-320wp	16.5																									
										iii	Multi C-Si Modules					H155P36 (155 Wp)	INV-P-24V-260wp	15.97	72 (Cut Cell)	1500	25.01.2023	24.01.2025														
																	INV-P-24V-260wp	15.97																		
iv	Mono c-Si PERC Module	H525M144 (525 Wp)			INV-P-24V-200wp	14.91	72 (Cut Cell)	1500									25.01.2023	24.01.2025																		
					INV-P-24V-200wp	14.91																														
					v	Mono c-Si PERC Module																	H400M72 (400 Wp)	INV-P-20V-260wp	15.97	60 (Full Cell)	1500	25.01.2023	24.01.2025							
																								INV-P-20V-260wp	15.97											
																								vi	Multi C-Si Modules					H405M72 (405 Wp)	INV-P-12V-160wp	16.2	36 (Full Cell)	1000	25.01.2023	24.01.2025
																															INV-P-12V-160wp	16.2				
			vii	Multi C-Si Modules					H410M72 (410 Wp)			INV-P-12V-125wp	14.9	36 (Cut Cell)	1000																25.01.2023	24.01.2025				
												INV-P-12V-125wp	14.9																							
										viii	Multi C-Si Modules	H410M72 (410 Wp)	INV-P-24V-320wp			16.5			72 (Full Cell)	1500	25.01.2023	24.01.2025														
													INV-P-24V-320wp			16.5																				
ix	Multi C-Si Modules	H410M72 (410 Wp)					INV-P-24V-260wp	15.97					72 (Cut Cell)			1500	25.01.2023	24.01.2025																		
							INV-P-24V-260wp	15.97																												
					x	Multi C-Si Modules	H410M72 (410 Wp)	INV-P-24V-200wp															14.91			72 (Cut Cell)	1500	25.01.2023	24.01.2025							
								INV-P-24V-200wp															14.91													
								xi															Multi C-Si Modules	H410M72 (410 Wp)	INV-P-20V-260wp					15.97			60 (Full Cell)	1500	25.01.2023	24.01.2025
																									INV-P-20V-260wp					15.97						
			xii	Multi C-Si Modules					H410M72 (410 Wp)					INV-P-12V-160wp	16.2										36 (Full Cell)					1000	25.01.2023	24.01.2025				
														INV-P-12V-160wp	16.2																					
										xiii	Multi C-Si Modules	H410M72 (410 Wp)		INV-P-12V-125wp	14.9				36 (Cut Cell)	1000	25.01.2023	24.01.2025														
														INV-P-12V-125wp	14.9																					

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
					vii	Multi C-Si Modules	INV-P-12V-100wp	INV-P-12V-100wp	14.8	36 (Cut Cell)	1000	25.01.2023	24.01.2025
					viii	Multi C-Si Modules	INV-P-12V-80wp	INV-P-12V-80wp	15.5	36 (Cut Cell)	1000	25.01.2023	24.01.2025
					ix	Multi C-Si Modules	INV-P-12V-60wp	INV-P-12V-60wp	13.5	36 (Cut Cell)	1000	25.01.2023	24.01.2025
					x	Multi C-Si Modules	INV-P-12V-50wp	INV-P-12V-50wp	13.6	36 (Cut Cell)	1000	25.01.2023	24.01.2025
					xi	Multi C-Si Modules	INV-P-12V-40wp	INV-P-12V-40wp	14.1	36 (Cut Cell)	1000	25.01.2023	24.01.2025
52	M/s Plaza Power & Infrastructure Co	923/56, Village Katha, Baddi, Solan-173205, Himachal Pradesh	R-96003131	31	i	Multi C-Si Modules	PS36CPD040Wp (40 Wp)	PS36CPD040Wp	13.9	36 (Cut Cells)	600	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	PS36CPD050Wp (50Wp)	PS36CPD050Wp	13.76	36 (Cut Cells)	600	25.01.2023	24.01.2025
					iii	Multi C-Si Modules	PS36CPD055Wp (55 Wp)	PS36CPD055Wp	15.15	36 (Cut Cells)	600	25.01.2023	24.01.2025
					iv	Multi C-Si Modules	PS36CPD060Wp (60Wp)	PS36CPD060Wp	16.53	36 (Cut Cells)	600	25.01.2023	24.01.2025
					v	Multi C-Si Modules	PS36CPD065Wp (65 Wp)	PS36CPD065Wp	17.9	36 (Cut Cells)	600	25.01.2023	24.01.2025
					vi	Multi C-Si Modules	PS36CPD070Wp (70 Wp)	PS36CPD070Wp	13.53	36 (Cut Cells)	600	25.01.2023	24.01.2025
					vii	Multi C-Si Modules	PS36CPD075Wp (75Wp)	PS36CPD075Wp	14.51	36 (Cut Cells)	600	25.01.2023	24.01.2025
					viii	Multi C-Si Modules	PS36CPD080Wp (80 Wp)	PS36CPD080Wp	15.48	36 (Cut Cells)	600	25.01.2023	24.01.2025
					ix	Multi C-Si Modules	PS36CPD090Wp (90 Wp)	PS36CPD090Wp	14.91	36 (Cut Cells)	600	25.01.2023	24.01.2025
					x	Multi C-Si Modules	PS36CPD100Wp (100Wp)	PS36CPD100Wp	14.92	36 (Cut Cells)	1000	25.01.2023	24.01.2025
					xi	Multi C-Si Modules	PS36CPD115Wp (115 Wp)	PS36CPD110Wp	16.42	36 (Cut Cells)	1000	25.01.2023	24.01.2025
				PS36CPD115Wp				14.43					
				PS36CPD120Wp				15.05					
					xii	Multi C-Si Modules	PS36CPD130Wp (130Wp)	PS36CPD125Wp	15.68	36 (Cut Cells)	1000	25.01.2023	24.01.2025
				PS36CPD130Wp				16.31					
					xiii	Multi C-Si Modules	PS36CPD140Wp (140 Wp)	PS36CPD140Wp	13.75	36 (Cut Cells)	1000	25.01.2023	24.01.2025
				PS36FP150Wp				14.73					
				PS36FP155Wp				15.22					
					xiv	Multi C-Si Modules	PS36FP155Wp (155 Wp)	PS36FP155Wp	15.22	36 (Full Cells)	1000	25.01.2023	24.01.2025
				PS36FP160Wp				15.72					
				PS36FP165Wp				16.21					
					xv	Multi C-Si Modules	PS36FP165Wp (165Wp)	PS36FP165Wp	16.21	36 (Full Cells)	1000	25.01.2023	24.01.2025
				PS36FPD150Wp				14.73					
				PS36FPD155Wp				15.22					
					xvi	Multi C-Si Modules	PS36FPD155Wp (155 Wp)	PS36FPD160Wp	15.72	36 (Full Cells)	1000	25.01.2023	24.01.2025
				PS60FPD250Wp				15.48					
				PS60FPD255Wp				15.79					
					xvii	Multi C-Si Modules	PS60FPD260Wp (260 Wp)	PS60FPD260Wp	16.1	60 (Full Cells)	1500	25.01.2023	24.01.2025
				PS60FPD265Wp				16.41					
				PS60FPD270Wp				16.72					
				PS60FP250Wp				15.48					
					xviii	Multi C-Si Modules	PS60FP260Wp (260 Wp)	PS60FP255Wp	15.79	60 (Full Cells)	1500	25.01.2023	24.01.2025
				PS60FP260Wp				16.1					
				PS60FP265Wp				16.41					
				PS60FP270Wp				16.72					
					xix	Multi C-Si Modules	PS72FP320Wp (320 Wp)	PS72FP305Wp	15.44	72 (Full Cells)	1500	25.01.2023	24.01.2025
				PS72FP310Wp				15.7					
				PS72FP315Wp				15.95					
				PS72FP320Wp				16.2					
				PS72FP325Wp				16.46					
				PS72FP330Wp				16.71					
				PS72FP335Wp				16.96					
				PS72FPD300Wp				15.19					
				PS72FPD305Wp				15.44					
				PS72FPD310Wp	15.7								

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xx	Multi C-Si Modules	PS72FPD315Wp (315 Wp)	PS72FPD315Wp PS72FPD320Wp PS72FPD325Wp PS72FPD330Wp	15.95 15.2 16.46 16.71	72 (Full Cells)	1500	25.01.2023	24.01.2025
					xxi	Mono C-Si Modules	PS72FMP360Wp (360Wp)	PS72FMP355Wp PS72FMP360Wp PS72FMP370Wp	17.97 18.22 18.73	72 (Full Cells)	1500	25.01.2023	24.01.2025
					xxii	Mono C-Si Modules	PS72FMP390Wp (390 Wp)	PS72FMP380Wp PS72FMP390Wp PS72FMP395Wp	19.24 19.75 20	72 (Full Cells)	1500	25.01.2023	24.01.2025
53	M/s Urjastrot Enterprise Pvt Ltd	Survey No. 47, Nr. Ramdev Pir Temple, Bedwa, Anand-388320, Gujarat	R-72005673	43	i	Mono PERC C-Si Modules	USEL380MP72 (380 Wp)	USEL365MP72 USEL370MP72 USEL375MP72 USEL380MP72 USEL385MP72 USEL390MP72 USEL395MP72	18.39 18.64 18.89 19.4 19.4 19.65 19.9	72 (Full Cell)	1500	25.01.2023	24.01.2025
					ii	Multi C-Si Modules	USEL320P72 (320 Wp)	USEL305P72 USEL310P72 USEL315P72 USEL320P72 USEL325P72 USEL330P72 USEL335P72	15.72 15.98 16.23 16.49 16.75 17.01 17.26	72 (Full Cell)	1500	25.01.2023	24.01.2025
54	M/s. Fujiyama Power Systems Private Limited	Plot No. 51,52 Sector-Ecotech-1, Ecotech Extn-1, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh	R-93022209	95	i	Mono PERC C-Si Modules	UTL530-72M (530 Wp)	UTL540-72M UTL535-72M UTL530-72M UTL525-72M UTL520-72M	20.75 20.55 20.35 20.15 20	72 (Full Cell)	1500	27.02.2023	26.02.2025
					ii	Mono PERC C-Si Modules	UTL530-144M (530 Wp)	UTL540-144M UTL535-144M UTL530-144M UTL525-144M UTL520-144M	20.75 20.55 20.35 20.15 20	144 (Half Cut Cell)	1500	27.02.2023	26.02.2025
					iii	Mono PERC C-Si Modules	UTL435-72M (435 Wp)	UTL440-72M UTL435-72M UTL430-72M UTL425-72M	20.2 19.97 19.78 19.51	72 (Full Cell)	1500	27.02.2023	26.02.2025
					iv	Mono PERC C-Si Modules	UTL435-144M (435 Wp)	UTL440-144M UTL435-144M UTL430-144M UTL425-144M	20.2 19.97 19.78 19.51	144 (Half Cut Cell)	1500	27.02.2023	26.02.2025
					v	Mono PERC C-Si Modules	UTL395-72MI (395 Wp)	UTL400-72MI UTL395-72MI UTL385-72MI UTL380-72MI	20.06 19.8 19.3 19.05	72 (Full Cell)	1500	27.02.2023	26.02.2025
					vi	Mono PERC C-Si Modules	UTL395-72M (395 Wp)	UTL400-72M UTL395-72M UTL390-72M UTL385-72M UTL380-72M	20.06 19.8 19.55 19.3 19.05	72 (Full Cell)	1500	27.02.2023	26.02.2025
					vii	Multi- C-Si Modules	UTL335-72PI (335 Wp)	UTL335-72PI UTL330-72PI	16.89 16.65	72 (Full Cell)	1500	27.02.2023	26.02.2025
					viii	Multi- C-Si Modules	UTL335-72P (335 Wp)	UTL335-72P UTL330-72P UTL275-60PI	17.26 17.01 16.9	72 (Full Cell)	1500	27.02.2023	26.02.2025
					ix	Multi- C-Si Modules	UTL270-60PI (270 Wp)	UTL270-60PI UTL265-60PI	16.6 16.3	60 (Full Cell)	1500	27.02.2023	26.02.2025
					x	Multi- C-Si Modules	UTL270-60P (270 Wp)	UTL275-60P UTL270-60P UTL265-60P	16.9 16.6 16.3	60 (Full Cell)	1500	27.02.2023	26.02.2025
					xi	Mono PERC C-Si Modules	UTL195-36MI (195 Wp)	UTL200-36MI UTL195-36MI UTL190-36MI	19.7 19.2 18.75	36 (Full Cell)	1500	27.02.2023	26.02.2025

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xii	Mono PERC C-Si Modules	UTL200-36M (200 Wp)	UTL205-36M	20.2	36 (Full Cell)	1500	27.02.2023	26.02.2025
								UTL200-36M	19.7				
								UTL195-36M	19.2				
								UTL190-36M	18.75				
					xiii	Multi- C-Si Modules	UTL160-36PI (160 Wp)	UTL165-36PI	16.7	36 (Full Cell)	1500	27.02.2023	26.02.2025
								UTL160-36PI	16.15				
								UTL155-36PI	15.65				
					iv	Multi- C-Si Modules	UTL150-36PI (150 Wp)	UTL150-36PI	15.15	36 (Full Cell)	1500	27.02.2023	26.02.2025
					v	Multi- C-Si Modules	UTL160-36P (160 Wp)	UTL165-36P	16.7	36 (Full Cell)	1500	27.02.2023	26.02.2025
								UTL160-36P	16.15				
								UTL155-36P	15.65				
					vi	Multi- C-Si Modules	UTL150-36P (150 Wp)	UTL150-36P	15.15	36 (Full Cell)	1500	27.02.2023	26.02.2025
					vii	Multi- C-Si Modules	UTL125-36PI (125 Wp)	UTL125-36PI	16.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					viii	Multi- C-Si Modules	UTL125-36P (125 Wp)	UTL125-36P	16.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xix	Multi- C-Si Modules	UTL105-36P (105 Wp)	UTL110-36P	16.38	36 (Cut Cell)	1500	27.02.2023	26.02.2025
								UTL105-36P	15.63				
								UTL100-36P	14.89				
					xx	Multi- C-Si Modules	UTL105-36PI (105 Wp)	UTL110-36PI	16.38	36 (Cut Cell)	1500	27.02.2023	26.02.2025
								UTL105-36PI	15.63				
								UTL100-36PI	14.89				
					xxi	Multi- C-Si Modules	UTL85-36PI (85 Wp)	UTL85-36PI	16.6	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xxii	Multi- C-Si Modules	UTL80-36PI (80 Wp)	UTL80-36PI	15.62	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xxiii	Multi- C-Si Modules	UTL85-36P (85 Wp)	UTL85-36P	16.6	36 (Cut Cell)	1500	27.02.2023	26.02.2025
					xiv	Multi- C-Si Modules	UTL80-36P (80 Wp)	UTL80-36P	15.62	36 (Cut Cell)	1500	27.02.2023	26.02.2025
xv	Multi- C-Si Modules	UTL75-36P (75 Wp)	UTL75-36P	14.65	36 (Cut Cell)	1500	27.02.2023	26.02.2025					
xvi	Multi- C-Si Modules	UTL75-36PI (75 Wp)	UTL75-36PI	14.65	36 (Cut Cell)	1500	27.02.2023	26.02.2025					
xvii	Multi- C-Si Modules	UTL60-36P (60 Wp)	UTL60-36P	15.04	36 (Cut Cell)	1500	27.02.2023	26.02.2025					
xviii	Multi- C-Si Modules	UTL60-36PI (60 Wp)	UTL60-36PI	15.04	36 (Cut Cell)	1500	27.02.2023	26.02.2025					
xxix	Multi- C-Si Modules	UTL55-36PI (55 Wp)	UTL55-36PI	13.78	36 (Cut Cell)	1500	27.02.2023	26.02.2025					
xxx	Multi- C-Si Modules	UTL50-36PI (50 Wp)	UTL50-36PI	14.05	36 (Cut Cell)	1500	27.02.2023	26.02.2025					
xxxi	Multi- C-Si Modules	UTL50-36P (50 Wp)	UTL50-36P	14.05	36 (Cut Cell)	1500	27.02.2023	26.02.2025					
xxxii	Multi- C-Si Modules	UTL45-36PI (45 Wp)	UTL45-36PI	16.11	36 (Cut Cell)	1500	27.02.2023	26.02.2025					
xxxiii	Multi- C-Si Modules	UTL40-36P (40 Wp)	UTL40-36P	14.32	36 (Cut Cell)	1500	27.02.2023	26.02.2025					
55	M/s. Genus Innovation Limited	SPL-2B, RIICO Industrial Area, Tonk Road, Sitapur, Jaipur-302022, Rajasthan	R-84003395	22	i	Mono PERC C-Si Module	GM375F72 (375 Wp)	GM360F72	18.55	72 (Full Cells)	1500	27.02.2023	26.02.2025
								GM365F72	18.81				
GM370F72	19.07												
GM375F72	19.33												
GM380F72	19.58												
GM385F72	19.84												
GM390F72	20.1												
GI305F72	15.72												
GI310F72	15.98												
GI315F72	16.23												
ii	Multi C-Si Module	GI320F72 (320 Wp)	GI320F72	16.49	72 (Full Cells)	1500	27.02.2023	26.02.2025					
			GI325F72	16.75									



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												From	To (subject to valid BIS Registration; else deemed to be delisted)					
								GI330F72	17.01									
					iii	Multi C-Si Module	GI165F36 (165 Wp)	GI335F72	17.27	36 (Full Cells)	1000	27.02.2023	26.02.2025					
							GI165F36	16.71										
					iv	Multi C-Si Module	GI150F36 (150 Wp)	GI170F36	17.22	36 (Full Cells)	1000	27.02.2023	26.02.2025					
							GI150F36	15.19										
56	M/s. Spark Solar Technologies Pvt. Ltd.	N-4, Rajlaxmi Hitech Textile Park, Sonale Village, Off. Mumbai Nasik Highway Bhiwandi, Thane-421302, Maharashtra	R-71023310	42	i	Mono PERC C-Si Modules	SS 535-144R M10 (535 Wp)	SS 545-144R M10	21.12	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027					
								SS 540-144R M10	20.92									
								SS 535-144R M10	20.73									
								SS 530-144R M10	20.54									
										ii	Mono PERC C-Si Modules	SS 495-132R M10 (495 Wp)	SS 525-144R M10	20.34	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					SS 500-132R M10	21.06												
					SS 495-132R M10	20.85												
					SS 490-132R M10	20.64												
57	M/s. Rhine Solar Limited	Killa No. 80/6, Janti Kalan Rd, Sersa, Kundli, Sonipat-131028, Haryana	R-91008249	71	i	Mono PERC C-Si Module	RSL72FM-380WP, (380 Wp)	RSL72FM-390WP	19.6	72 (Full Cell)	1500	31.05.2023	30.05.2027					
								RSL72FM-380WP	19.4									
								RSL72FM-370WP	19.2									
								ii	Mono c-Si PERC Module	RSL590M (590 Wp)	RSL600M	21.28	156 (Half Cut Cell)	1500	31.05.2023	30.05.2027		
					RSL595M	21.11												
					RSL590M	20.94												
								iii	Mono c-Si PERC Module	RSL545M (545 Wp)	RSL585M	20.77	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027		
											RSL580M	20.60						
											RSL575M	20.40						
											RSL570M	22.07						
											RSL565M	21.87						
											RSL560M	21.68						
											RSL555M	21.49						
											RSL550M	21.30						
											RSL545M	21.10						
											RSL540M	20.91						
											RSL535M	20.72						
											RSL530M	20.51						
								iv	Mono c-Si PERC Module	RSL500M (500 Wp)	RSL525M	20.33	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027		
											RSL520M	21.70						
											RSL515M	21.48						
											RSL510M	21.28						
											RSL505M	21.06						
											RSL500M	20.86						
											RSL495M	20.65						
											RSL490M	20.44						
											RSL485M	20.23						
											RSL480M	20.03						
											RSL475M	19.81						
											RSL470M	19.61						
								v	Mono c-Si PERC Module	RSL470M (470 Wp)	RSL465M	19.40	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027		
											RSL460M	21.04						
											RSL455M	20.82						
											RSL450M	20.59						
											RSL445M	20.35						
											RSL440M	20.13						
											RSL435M	19.89						
											RSL430M	19.68						
											RSL425M	19.44						
											RSL420M	19.22						
											RSL395M	20.03						
											RSL390M	19.76						
								vi	Mono c-Si PERC Module	RSL440M (440 Wp)	RSL385M	19.51	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027		
											RSL380M	19.26						
											RSL375M	19.01						
											RSL360M	20.48						
											RSL355M	20.20						
											RSL350M	19.92						
			RSL345M	19.63														
			RSL340M	19.35														
			RSL335M	19.07														
			vii	Mono c-Si PERC Module	RSL380M (380 Wp)	SWM11BN6540	20.77				108 (Half Cut Cell)	1500					31.05.2023	30.05.2027
						SWM11BN6535	20.57											
						SWM11BN6530	20.38											
						SWM11BN6525	20.19											
						SWM11BN6520	20											
						SWM11BN6515	19.81											
						SWM11BN6510	19.62											
						viii	Mono c-Si PERC Module	RSL345M (345 Wp)					96 (Half Cut Cell)	1500	31.05.2023	30.05.2027		
58	M/s Swelect HHV Solar Photovoltaics Pvt. Ltd	SF – No. 169/1-2, 168/3A-3E,169/4-9,166/1B1B,166/1B2A-2E,166/1B2L,166/1B2M, Kuppapaalayam Village, Avinashi Taluk, Coimbatore-641107, Tamil Nadu	R-61003433	627	i	Mono-PERC C-Si Module	SWM11BN6520 (520 Wp)	SWM11BN6540	20.77	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027					
								SWM11BN6535	20.57									
								SWM11BN6530	20.38									
								SWM11BN6525	20.19									
								SWM11BN6520	20									
								SWM11BN6515	19.81									
								SWM11BN6510	19.62									

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												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SWM11BN6505	19.42				
								SWM11BN6500	19.23				
								SWM11BN4495	20.71				
					ii	Mono-PERC C-Si Module	SWM11BN4475 (475 Wp)	SWM11BN4490	20.5	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
							SWM11BN4485	20.29					
							SWM11BN4480	20.09					
							SWM11BN4475	19.87					
							SWM11BN4470	19.66					
							SWM11BN4465	19.46					
							SWM11BN4460	19.25					
							SWM11BN4455	19.04					
							SWM11BN2450	20.65					
							SWM11BN2445	20.42					
					iii	Mono-PERC C-Si Module	SWM11BN2430 (430 Wp)	SWM11BN2440	20.19	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
							SWM11BN2435	19.96					
							SWM11BN2430	19.73					
							SWM11BN2425	19.5					
							SWM11BN2420	19.27					
							SWM11BN2415	19.04					
							SWM11BN0405	20.57					
							SWM11BN0400	20.32					
							SWM11BN0395	20.06					
							SWM11BN0390	19.81					
					iv	Mono-PERC C-Si Module	SWM11BN0390 (390 Wp)	SWM11BN0385	19.55	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
							SWM11BN0380	19.3					
							SWM11BN0375	19.05					
							SWM11BB0375	19.20					
							SWM11BB0380	19.46					
							SWM11BB0385	19.71					
							SWM11BB0390	19.97					
							SWM11BB0395	20.22					
							SWM11BB0400	20.48					
							SWM11BB0405	20.74					
							SWM11BB0410	20.99					
							SWM11BB2415	19.17					
							SWM11BB2420	19.40					
							SWM11BB2425	19.63					
							SWM11BB2430	19.86					
							SWM11BB2435	20.10					
							SWM11BB2440	20.32					
							SWM11BB2445	20.56					
							SWM11BB2450	20.79					
							SWM11BB2455	21.02					
							SWM11BB4455	19.16					
							SWM11BB4460	19.37					
							SWM11BB4465	19.58					
							SWM11BB4470	19.79					
							SWM11BB4475	20.00					
							SWM11BB4480	20.21					
							SWM11BB4485	20.42					
							SWM11BB4490	20.63					
							SWM11BB4495	20.84					
					viii	Mono c-Si PERC Module	SWM11BB4500 (500 Wp)	SWM11BB4500	21.06	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
							SWM11BB6500	19.35					
								SWM11BB6505	19.55	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
								SWM11BB6510	19.74				
								SWM11BB6515	19.94				
								SWM11BB6520	20.13				
								SWM11BB6525	20.32				
								SWM11BB6530	20.52				
								SWM11BB6535	20.71				
								SWM11BB6540	20.90				
								SWM11BB6545	21.10				
								SWM11BB6550	21.29				
								SWM11BB8540	19.32				
								SWM11BB8545	19.50				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					x	Mono c-Si PERC Module	SWM11BB8560 (560 Wp)	SWM11BB8550 19.67	19.67	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
							SWM11BB8555 19.85	19.85					
							SWM11BB8560 20.03	20.03					
							SWM11BB8565 20.21	20.21					
							SWM11BB8570 20.39	20.39					
							SWM11BB8575 20.57	20.57					
							SWM11BB8580 20.75	20.75					
							SWM11BB8585 20.93	20.93					
					xi	Mono c-Si PERC Module	SWM11BB8595 (595 Wp)	SWM11BB8590 21.11	21.11	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
							SWM11BB8595 21.28	21.28					
					xii	Bifacial Mono c-Si PERC Module	SWM11BT0385 (385 Wp)	SWM11BT0375 19.20	19.20	108 (Half Cut Cells)	1500	31.05.2023	30.05.2027
							SWM11BT0380 19.46	19.46					
							SWM11BT0385 19.71	19.71					
							SWM11BT0390 19.97	19.97					
							SWM11BT0395 20.22	20.22					
							SWM11BT0400 20.48	20.48					
							SWM11BT0405 20.74	20.74					
							SWM11BT0410 20.99	20.99					
					xiii	Bifacial Mono c-Si PERC Module	SWM11BT2435 (435 Wp)	SWM11BT2415 19.17	19.17	120 (Half Cut Cells)	1500	31.05.2023	30.05.2027
							SWM11BT2420 19.40	19.40					
							SWM11BT2425 19.63	19.63					
							SWM11BT2430 19.86	19.86					
							SWM11BT2435 20.10	20.10					
							SWM11BT2440 20.32	20.32					
							SWM11BT2445 20.56	20.56					
							SWM11BT2450 20.79	20.79					
					xiv	Bifacial Mono c-Si PERC Module	SWM11BT4470 (470 Wp)	SWM11BT2455 21.02	21.02	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
							SWM11BT4455 19.16	19.16					
							SWM11BT4460 19.37	19.37					
							SWM11BT4465 19.58	19.58					
							SWM11BT4470 19.79	19.79					
							SWM11BT4475 20.00	20.00					
							SWM11BT4480 20.21	20.21					
							SWM11BT4485 20.42	20.42					
					xv	Bifacial Mono c-Si PERC Module	SWM11BT4500 (500 Wp)	SWM11BT4490 20.63	20.63	132 (Half Cut Cells)	1500	31.05.2023	30.05.2027
							SWM11BT4495 20.84	20.84					
					xvi	Bifacial Mono c-Si PERC Module	SWM11BT6525 (525 Wp)	SWM11BT4500 21.06	21.06	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
							SWM11BT6500 19.35	19.35					
							SWM11BT6505 19.55	19.55					
							SWM11BT6510 19.74	19.74					
							SWM11BT6515 19.94	19.94					
							SWM11BT6520 20.13	20.13					
							SWM11BT6525 20.32	20.32					
							SWM11BT6530 20.52	20.52					
					xvii	Bifacial Mono c-Si PERC Module	SWM11BT8560 (560 Wp)	SWM11BT6535 20.71	20.71	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
							SWM11BT6540 20.90	20.90					
							SWM11BT6545 21.10	21.10					
							SWM11BT6550 21.29	21.29					
							SWM11BT8540 19.32	19.32					
							SWM11BT8545 19.50	19.50					
							SWM11BT8550 19.67	19.67					
							SWM11BT8555 19.85	19.85					
					xviii	Bifacial Mono c-Si PERC Module	SWM11BT8595 (595 Wp)	SWM11BT8560 20.03	20.03	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
							SWM11BT8565 20.21	20.21					
					xix	Mono c-Si PERC Module	SWM11BN6550 (550 Wp)	SWM11BT8570 20.39	20.39	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
							SWM11BT8575 20.57	20.57					
							SWM11BT8580 20.75	20.75					
							SWM11BT8585 20.93	20.93					
							SWM11BT8590 21.11	21.11					
							SWM11BT8595 21.28	21.28					
							SWM11BN6545 20.96	20.96					
							SWM11BN6550 21.15	21.15					
							SWM11BN8535 19.03	19.03					
							SWM11BN8540 19.21	19.21					
							SWM11BN8545 19.39	19.39					
							SWM11BN8550 19.57	19.57					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xx	Mono c-Si PERC Module	SWM11BN8560 (560 Wp)	SWM11BN8555 SWM11BN8560 SWM11BN8565 SWM11BN8570 SWM11BN8575 SWM11BN8580 SWM11BN8585	19.74 19.92 20.10 20.28 20.46 20.63 20.81	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
					xxi	Mono c-Si PERC Module	SWM11BN8595 (595 Wp)	SWM11BN8590 SWM11BN8595	20.99 21.17	156 (Half Cut Cells)	1500	31.05.2023	30.05.2027
59	M/s. SAEL Solar Mfg Private Limited	Village-Hukumat Singh Wala, Moga Road, Ferozpur-142052, Punjab	R-97001058	117	i	Mono C-Si PERC Module	SL72M6-390 (390 Wp)	SL72M6-380 SL72M6-385 SL72M6-390 SL72M6-395 SL72M6-400 SL72M6-405	19.15 19.4 19.64 19.9 20.15 20.4	72 (Full Cell)	1500	31.05.2023	30.05.2027
					ii	Mono c-Si PERC Module	SL144HC-530 (530 Wp)	SL144HC-505 SL144HC-510 SL144HC-515 SL144HC-520 SL144HC-525 SL144HC-530 SL144HC-535 SL144HC-540 SL144HC-545 SL144HC-550 SL144HC-555	19.54 19.73 19.93 20.12 20.31 20.5 20.7 20.97 21.08 21.28 21.47	144 (Half Cut Cells)	1500	31.05.2023	30.05.2027
60	M/s. Insolation Green Energy Pvt. Ltd	Khasra No 11/1, 1136/9, Chomu, Jatavali, Jaipur-302001, Rajasthan	R-84003549	430	i	Mono PERC c-Si Modules	INA-144MHC-WF-530 (530Wp)	INA-144MHC-WF-520 INA-144MHC-WF-525 INA-144MHC-WF-530 INA-144MHC-WF-535 INA-144MHC-WF-540 INA-144MHC-WF-545	20.14 20.33 20.53 20.72 20.91 21.11	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					ii	Bifacial Mono PERC c-Si Modules	INA-144MHC-TF-530 (530Wp)	INA-144MHC-TF-520 INA-144MHC-TF-525 INA-144MHC-TF-530 INA-144MHC-TF-535 INA-144MHC-TF-540 INA-144MHC-TF-545	20.14 20.33 20.53 20.72 20.91 21.11	144 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					iii	Mono PERC c-Si Modules	INA-132MHC-WF-490 (490Wp)	INA-132MHC-WF-480 INA-132MHC-WF-485 INA-132MHC-WF-490 INA-132MHC-WF-495 INA-132MHC-WF-500	20.19 20.41 20.62 20.83 21.04	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					iv	Bifacial Mono PERC c-Si Modules	INA-132MHC-TF-490 (490Wp)	INA-132MHC-TF-480 INA-132MHC-TF-485 INA-132MHC-TF-490 INA-132MHC-TF-495 INA-132MHC-TF-500	20.19 20.41 20.62 20.83 21.04	132 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					v	Mono PERC c-Si Modules	INA-120MHC-WF-440 (440Wp)	INA-120MHC-WF-435 INA-120MHC-WF-440 INA-120MHC-WF-445 INA-120MHC-WF-450	20.04 20.27 20.5 20.73	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					vi	Bifacial Mono PERC c-Si Modules	INA-120MHC-TF-440 (440Wp)	INA-120MHC-TF-435 INA-120MHC-TF-440 INA-120MHC-TF-445 INA-120MHC-TF-450	20.04 20.27 20.5 20.73	120 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					vii	Mono PERC c-Si Modules	INA-108MHC-WF-395 (395Wp)	INA-108MHC-WF-390 INA-108MHC-WF-395 INA-108MHC-WF-400 INA-108MHC-WF-405	19.86 20.11 20.37 20.62	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					viii	Bifacial Mono PERC c-Si Modules	INA-108MHC-TF-395 (395Wp)	INA-108MHC-TF-390 INA-108MHC-TF-395 INA-108MHC-TF-400 INA-108MHC-TF-405	19.86 20.11 20.37 20.62	108 (Half Cut Cell)	1500	31.05.2023	30.05.2027
					ix	Mono c-Si PERC Module	INA-144MHC-WF-555	INA-144MHC-WF-550 INA-144MHC-WF-555 INA-144MHC-WF-560	21.29 21.48 21.68	144 Half Cut Cells	1500	31.05.2023	30.05.2027
						Bifacial Mono c-Si PERC	INA-144MHC-TF-550	INA-144MHC-TF-550	21.29				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity				
												From	To (subject to valid BIS Registration; else deemed to be delisted)			
					x	Directional Mono c-Si PERC Module	INA-144MHC-TF-555	INA-144MHC-TF-555 INA-144MHC-TF-560	21.48 21.68	144 Half Cut Cells	1500	31.05.2023	30.05.2027			
61	M/s. Australian Premium Solar (India) Pvt. Ltd	Tajpur, National Highway No. 08, Ta: Prantij, Dist: Sabarkantha - 383205, Gujarat	R-72001791	25	i	Mono c-Si PERC Module	APSAM-520/144 (520Wp)	APSAM-545/144	21.12	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027			
								APSAM-540/144	20.91							
								APSAM-535/144	20.73							
								APSAM-530/144	20.53							
								APSAM-525/144	20.35							
								APSAM-520/144	20.16							
								APSAM-515/144	19.98							
								APSAM-510/144	19.79							
								APSAM-505/144	19.60							
								APSAM-500/144	19.42							
								ii	Mono c-Si PERC Module					APSAM-485/132 (485Wp)	APSAM-495/132	20.85
															APSAM-490/132	20.64
					APSAM-485/132	20.43										
					APSAM-480/132	20.22										
					APSAM-475/132	20.01										
					APSAM-450/120	20.73										
					iii	Mono c-Si PERC Module	APSAM-440/120 (440Wp)	APSAM-445/120	20.50							
								APSAM-440/120	20.27							
								APSAM-435/120	20.04							
					iv	Mono c-Si PERC Module	APSAM-400/108 (400Wp)	APSAM-410/108	20.98							
								APSAM-405/108	20.72							
								APSAM-400/108	20.47							
								APSAM-395/108	20.21							
					v	Mono c-Si PERC Module	APSAM-360/96 (360Wp)	APSAM-390/108	19.96							
APSAM-365/96	20.92															
APSAM-360/96	20.64															
vi	Mono c-Si PERC Module	APSAM-265/72 (265Wp)	APSAM-355/96	20.35												
			APSAM-350/96	20.06												
			APSAM-275/72	20.82												
			APSAM-270/72	20.45												
			APSAM-265/72	20.07												
			APSAM-260/72	19.69												
62	M/s. Orb Energy Private Limited	No. 95, Digital Park Road, 2nd Stage, Yeshwanthapura, Bangalore - 560022, Karnataka	R-62001708	71	i	Mono c-Si PERC Modules	Orb410M66-15 (410Wp)	Orb410M66-15	21.02	66 (Full Cell)	1500	01.09.2023	31.08.2027			
								Orb405M66-15	20.77							
								Orb400M66-15	20.51							
								Orb395M66-15	20.25							
								Orb390M66-15	20.00							
								Orb450M72-15	21.19							
					ii	Mono c-Si PERC Modules	Orb450M72-15 (450Wp)	Orb445M72-15	20.95							
								Orb440M72-15	20.72							
								Orb435M72-15	20.48							
								Orb430M72-15	20.25							
								SMF72HM10-500	19.36							
								SMF72HM10-505	19.55							
63	M/s. Solex Energy Limited	Plot No 1A, Block 938, Tadkeshwar, Kim Mandvi Road, Mandvi, Surat-394110, Gujarat	R-72008125	581	i	Mono c-Si PERC Module	SMF72HM10-510 (510Wp)	SMF72HM10-510	19.74	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027			
								SMF72HM10-515	19.94							
								SMF72HM10-520	20.13							
								SMF72HM10-525	20.32							
								SMF72HM10-530	20.52							
								SMF72HM10-535	20.71							
					ii	Mono c-Si PERC Module	SMF72HM10-540 (540Wp)	SMF72HM10-540	20.91							
								SMF72HM10-545	21.10							
								SMF72HM10-550	21.30							
								SMF72HM10-555	21.49							
								SMFB72HM10-500	19.36							
								SMFB72HM10-505	19.55							
iii	Mono c-Si PERC Module	SMFB72HM10-510 (510Wp)	SMFB72HM10-510	19.74												
			SMFB72HM10-515	19.94												
			SMFB72HM10-520	20.13												
			SMFB72HM10-525	20.32												
			SMFB72HM10-530	20.52												
			SMFB72HM10-535	20.71												
iv	Mono c-Si PERC Module	SMFB72HM10-540 (540Wp)	SMFB72HM10-540	20.91												
			SMFB72HM10-545	21.10												
			SMFB72HM10-550	21.30												
			SMFB72HM10-555	21.49												

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					v	Mono c-Si PERC Module	SMF66HM10-475 (475Wp)	SMF66HM10-460 SMF66HM10-465 SMF66HM10-470 SMF66HM10-475 SMF66HM10-480 SMF66HM10-485	19.37 19.59 19.80 20.02 20.24 20.44	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					vi	Mono c-Si PERC Module	SMF66HM10-495 (495Wp)	SMF66HM10-490 SMF66HM10-495 SMF66HM10-500 SMF66HM10-505	20.44 20.65 20.86 21.07 21.28	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					vii	Mono c-Si PERC Module	SMFB66HM10-475 (475Wp)	SMFB66HM10-460 SMFB66HM10-465 SMFB66HM10-470 SMFB66HM10-475 SMFB66HM10-480 SMFB66HM10-485	19.37 19.59 19.80 20.02 20.24 20.44	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					viii	Mono c-Si PERC Module	SMFB66HM10-495 (495Wp)	SMFB66HM10-490 SMFB66HM10-495 SMFB66HM10-500 SMFB66HM10-505	20.44 20.65 20.86 21.07 21.28	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					ix	Mono c-Si PERC Module	SMF60HM10-440 (440Wp)	SMF60HM10-420 SMF60HM10-425 SMF60HM10-430 SMF60HM10-435 SMF60HM10-440 SMF60HM10-445 SMF60HM10-450 SMF60HM10-455 SMF60HM10-460	19.37 19.61 19.83 20.06 20.29 20.51 20.75 20.98 21.21	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					x	Mono c-Si PERC Module	SMFB60HM10-440 (440Wp)	SMFB60HM10-420 SMFB60HM10-425 SMFB60HM10-430 SMFB60HM10-435 SMFB60HM10-440 SMFB60HM10-445 SMFB60HM10-450 SMFB60HM10-455 SMFB60HM10-460	19.37 19.61 19.83 20.06 20.29 20.51 20.75 20.98 21.21	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xi	Mono c-Si PERC Module	SMF54HM10-385 (385Wp)	SMF54HM10-375 SMF54HM10-380 SMF54HM10-385 SMF54HM10-390 SMF54HM10-395	19.20 19.46 19.73 19.98 20.23	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xii	Mono c-Si PERC Module	SMF54HM10-405 (405Wp)	SMF54HM10-400 SMF54HM10-405 SMF54HM10-410 SMF54HM10-415	20.49 20.73 21.00 21.24	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xiii	Mono c-Si PERC Module	SMFB54HM10-385 (385Wp)	SMFB54HM10-375 SMFB54HM10-380 SMFB54HM10-385 SMFB54HM10-390 SMFB54HM10-395 SMFB54HM10-400	19.20 19.46 19.73 19.98 20.23 20.49	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xiv	Mono c-Si PERC Module	SMFB54HM10-405 (405Wp)	SMFB54HM10-405 SMFB54HM10-410 SMFB54HM10-415	20.73 21.00 21.24	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xv	Mono c-Si PERC Module	SMF48HM10-345 (345Wp)	SMF48HM10-335 SMF48HM10-340 SMF48HM10-345 SMF48HM10-350 SMF48HM10-355	19.21 19.50 19.78 20.06 20.34	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xvi	Mono c-Si PERC Module	SMF48HM10-365 (365Wp)	SMF48HM10-360 SMF48HM10-365 SMF48HM10-370 SMFB48HM10-335	20.62 20.91 21.19 19.21	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xvii	Mono c-Si PERC Module	SMFB48HM10-345 (345Wp)	SMFB48HM10-340 SMFB48HM10-345	19.50 19.78	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
								SMFB48HM10-350	20.06								
					xviii	Mono c-Si PERC Module	SMFB48HM10-365 (365Wp)	SMFB48HM10-355	20.34	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027				
							SMFB48HM10-360	20.62									
							SMFB48HM10-365	20.91									
							SMFB48HM10-370	21.19									
							SMFB48HM10-370	21.19									
					xix	Mono c-Si PERC Module	SMF42HM10-305 (305Wp)	SMF42HM10-295	19.21	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027				
							SMF42HM10-300	19.54									
							SMF42HM10-305	19.88									
							SMF42HM10-310	20.2									
							SMF42HM10-315	20.5									
					xx	Mono c-Si PERC Module	SMFB42HM10-305 (305Wp)	SMF42HM10-320	20.8	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027				
							SMFB42HM10-295	19.21									
							SMFB42HM10-300	19.54									
							SMFB42HM10-305	19.88									
							SMFB42HM10-310	20.2									
					xxi	Mono c-Si PERC Module	SMF36HM10-265 (265Wp)	SMFB42HM10-315	20.5	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027				
							SMFB42HM10-320	20.8									
							SMF36HM10-255	19.25									
							SMF36HM10-260	19.63									
							SMF36HM10-265	19.99									
					xxii	Mono c-Si PERC Module	SMFB36HM10-265 (265Wp)	SMF36HM10-270	20.36	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027				
							SMF36HM10-275	20.73									
							SMFB36HM10-255	19.25									
							SMFB36HM10-260	19.63									
							SMFB36HM10-265	19.99									
					xxiii	Bifacial Mono c-Si PERC Modules	SMB72HM10-525 (525Wp)	SMFB36HM10-270	20.36	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027				
							SMFB36HM10-275	20.73									
							SMB72HM10-500	19.36									
							SMB72HM10-505	19.55									
							SMB72HM10-510	19.74									
							SMB72HM10-515	19.94									
							SMB72HM10-520	20.13									
							SMB72HM10-525	20.32									
							SMB72HM10-530	20.52									
							SMB72HM10-535	20.71									
							SMB72HM10-540	20.91									
							SMB72HM10-545	21.10									
							SMB72HM10-550	21.30									
					xxiv	Bifacial Mono c-Si PERC Modules	SMBB72HM10-525 (525Wp)	SMBB72HM10-500	19.36					144 (Half Cut Cell)	1500	01.09.2023	31.08.2027
							SMBB72HM10-505	19.55									
							SMBB72HM10-510	19.74									
							SMBB72HM10-515	19.94									
							SMBB72HM10-520	20.13									
							SMBB72HM10-525	20.32									
							SMBB72HM10-530	20.52									
							SMBB72HM10-535	20.71									
							SMBB72HM10-540	20.91									
							SMBB72HM10-545	21.10									
							SMBB72HM10-550	21.30									
					xxv	Bifacial Mono c-Si PERC Modules	SMB66HM10-465 (465Wp)	SMB66HM10-455	19.16	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027				
							SMB66HM10-460	19.37									
							SMB66HM10-465	19.59									
							SMB66HM10-470	19.80									
							SMB66HM10-475	20.02									
					xxvi	Bifacial Mono c-Si PERC Modules	SMB66HM10-490 (490Wp)	SMB66HM10-480	20.24	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027				
							SMB66HM10-485	20.65									
							SMB66HM10-490	20.86									
							SMB66HM10-495	21.07									
							SMB66HM10-500	21.28									
					xxvii	Bifacial Mono c-Si PERC Modules	SMBB66HM10-465 (465Wp)	SMBB66HM10-455	19.16	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027				
							SMBB66HM10-460	19.37									
							SMBB66HM10-465	19.59									
							SMBB66HM10-470	19.80									
							SMBB66HM10-475	20.02									
							SMBB66HM10-480	20.24									
							SMBB66HM10-485	20.44									
						Bifacial Mono c-Si PERC											

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xxviii	Bifacial Mono c-Si PERC Modules	SMBB66HM10-490 (490Wp)	SMBB66HM10-490 SMBB66HM10-495 SMBB66HM10-500	20.65 20.86 21.07	132 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxix	Bifacial Mono c-Si PERC Modules	SMB60HM10-435 (435Wp)	SMB60HM10-415 SMB60HM10-420 SMB60HM10-425 SMB60HM10-430 SMB60HM10-435 SMB60HM10-440 SMB60HM10-445 SMB60HM10-450 SMB60HM10-455	19.13 19.37 19.61 19.83 20.06 20.29 20.51 20.75 20.98	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxx	Bifacial Mono c-Si PERC Modules	SMBB60HM10-435 (435Wp)	SMBB60HM10-415 SMBB60HM10-420 SMBB60HM10-425 SMBB60HM10-430 SMBB60HM10-435 SMBB60HM10-440 SMBB60HM10-445 SMBB60HM10-450 SMBB60HM10-455	19.13 19.37 19.61 19.83 20.06 20.29 20.51 20.75 20.98	120 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxi	Bifacial Mono c-Si PERC Modules	SMB54HM10-385 (385Wp)	SMB54HM10-375 SMB54HM10-380 SMB54HM10-385 SMB54HM10-390 SMB54HM10-395	19.2 19.46 19.73 19.98 20.23	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxii	Bifacial Mono c-Si PERC Modules	SMB54HM10-405 (405Wp)	SMB54HM10-400 SMB54HM10-405 SMB54HM10-410	20.49 20.73 21.00	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxiii	Bifacial Mono c-Si PERC Modules	SMBB54HM10-385 (385Wp)	SMBB54HM10-375 SMBB54HM10-380 SMBB54HM10-385 SMBB54HM10-390 SMBB54HM10-395	19.20 19.46 19.73 19.98 20.23	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxiv	Bifacial Mono c-Si PERC Modules	SMBB54HM10-405 (405Wp)	SMBB54HM10-400 SMBB54HM10-405 SMBB54HM10-410	20.49 20.73 21.00	108 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxv	Bifacial Mono c-Si PERC Modules	SMB48HM10-350 (350Wp)	SMB48HM10-335 SMB48HM10-340 SMB48HM10-345 SMB48HM10-350 SMB48HM10-355 SMB48HM10-360 SMB48HM10-365	19.21 19.50 19.78 20.06 20.34 20.62 20.91	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxvi	Bifacial Mono c-Si PERC Modules	SMBB48HM10-350 (350Wp)	SMBB48HM10-335 SMBB48HM10-340 SMBB48HM10-345 SMBB48HM10-350 SMBB48HM10-355 SMBB48HM10-360 SMBB48HM10-365	19.21 19.50 19.78 20.06 20.34 20.62 20.91	96 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxvii	Bifacial Mono c-Si PERC Modules	SMB42HM10-305 (305Wp)	SMB42HM10-295 SMB42HM10-300 SMB42HM10-305 SMB42HM10-310 SMB42HM10-315 SMB42HM10-320	19.21 19.54 19.88 20.20 20.50 20.80	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxviii	Bifacial Mono c-Si PERC Modules	SMBB42HM10-305 (305Wp)	SMBB42HM10-295 SMBB42HM10-300 SMBB42HM10-305 SMBB42HM10-310 SMBB42HM10-315 SMBB42HM10-320	19.21 19.54 19.88 20.20 20.50 20.80	84 (Half Cut Cell)	1500	01.09.2023	31.08.2027
					xxxix	Bifacial Mono c-Si PERC Modules	SMB36HM10-265 (265Wp)	SMB36HM10-255 SMB36HM10-260 SMB36HM10-265 SMB36HM10-270 SMB36HM10-275	19.25 19.63 19.66 20.36 20.73	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027
						Bifacial Mono c-Si PERC Modules		SMBB36HM10-255 SMBB36HM10-260	19.25 19.63				



S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity					
												From	To (subject to valid BIS Registration; else deemed to be delisted)				
					xi	Modules	SMBB36HM10-265 (265Wp)	SMBB36HM10-265	19.99	72 (Half Cut Cell)	1500	01.09.2023	31.08.2027				
								SMBB36HM10-270	20.36								
								SMBB36HM10-275	20.73								
					xii	Mono c-Si PERC Module	JKM-SMF-540P-72HL4-V (540Wp)	JKM-SMF-530P-72HL4-V	20.52	144 (Half Cut Cell)	1500	01.09.2023	31.08.2027				
								JKM-SMF-535P-72HL4-V	20.71								
								JKM-SMF-540P-72HL4-V	20.91								
								JKM-SMF-545P-72HL4-V	21.10								
								JKM-SMF-550P-72HL4-V	21.30								
								GS10-M144-WF-500	19.36					144 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								GS10-M144-WF-505	19.56								
GS10-M144-WF-510	19.75																
GS10-M144-WF-515	19.94																
GS10-M144-WF-520	20.14																
GS10-M144-WF-525	20.33																
GS10-M144-WF-530	20.53																
GS10-M144-WF-535	20.73																
GS10-M144-WF-540	20.92																
GS10-M144-WF-545	21.12																
64	M/s. Goldi Solar Pvt Limited	Block No:149, Plot No: J&K1, Beside IOC petrol Pump, National Highway No 8, Pipodara, Surat-394110, Gujarat	R-72001805	396	i	Mono c-Si PERC Module	GS10-M144-WF-525, (525Wp)	GS10-M132-WF-480	20.22	132 (Half Cut Cell)	1500	20.09.2023	19.09.2027				
								GS10-M132-WF-485	20.43								
								GS10-M132-WF-490	20.64								
								GS10-M132-WF-495	20.85								
								GS10-M132-WF-500	21.06								
								GS10-M132-WF-505	21.28								
								TP45SHGZ(H)	20.46					144 (Half Cut Cell)	1500	20.09.2023	19.09.2027
								TP45OHGZ(H)	20.23								
								TP44SHGZ(H)	20.01								
								TP44OHGZ(H)	19.78								
TP43SHGZ(H)	19.56																
TP43OHGZ(H)	19.34																
TP42SHGZ(H)	19.11																
TP595LG10	21.36																
TP590LG10	21.18																
TP585LG10	21.00																
65	M/s. Tata Power Solar Systems Ltd	Sy No. 43P and 44(P), Electronic City, 2nd Stage, Consisting Hosur Road, Bangalore-560100, Karnataka	R-62001090	499	ii	Mono c-Si PERC Module	TP570LG10, (570Wp)	TP580LG10	20.83	156 (Half Cut Cell)	1500	20.09.2023	19.09.2027				
								TP575LG10	20.65								
								TP570LG10	20.47								
								TP565LG10	20.29								
								TP560LG10	20.11								
								TP555LG10	19.93								
								TP550HG10	21.34								
								TP545HG10	21.14								
								TP540HG10	20.95								
								TP543SHG10	20.76								
iii	Mono c-Si PERC Module	TP525HG10, (525Wp)	TP530HG10	20.56	144 (Half Cut Cell)	1500	20.09.2023	19.09.2027									
			TP530HG10	20.37													
			TP520HG10	20.17													
			TP515HG10	19.98													
			TP510HG10	19.79													
			TP505HG10	19.59													
			TP500VG10	20.82					132 (Half Cut Cell)	1500	20.09.2023	19.09.2027					
			TP495VG10	20.61													
			TP490VG10	20.40													
			TP485VG10	20.19													
TP480VG10	19.98																
TP475VG10	19.77																
TP470VG10	19.57																
TP465VG10	19.36																
TP460VG10	19.15																
TP455MG10	20.81	120 (Half Cut Cell)	1500	20.09.2023	19.09.2027												
TP450MG10	20.58																
TP445MG10	20.35																
TP440MG10	20.12																
TP435MG10	19.89																
TP430MG10	19.66																
TP425MG10	19.43																
TP420MG10	19.21																
TP410SG10	20.72					108 (Half Cut Cell)	1500	20.09.2023	19.09.2027								
TP405SG10	20.47																
TP400SG10	20.21																
TP395SG10	19.96																

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity									
												From	To (subject to valid BIS Registration; else deemed to be delisted)								
66	M/s. Surya International Enterprise Private Limited	Plot No. S4-E1-21, EMC Park, Infovalley II, Harekrushnapur, Jatani, Bhubaneswar-751019, Orissa	R-52000175	77	i	Mono PERC c-Si Modules	SI565M10-156 (565)	TP390SG10	19.71	156 (Half Cut Cell)	1500	16.11.2023	15.11.2027								
								TP385SG10	19.46												
								SI585M10-156	20.93												
								SI580M10-156	20.75												
								SI575M10-156	20.57												
								SI570M10-156	20.39												
								SI565M10-156	20.21												
								SI560M10-156	20.03												
								SI555M10-156	19.85												
								SI550M10-156	19.68												
								SI545M10-156	19.5												
								SI540M10-156	19.32												
					ii	Mono PERC c-Si Modules	SI525M10-144 (525)	SI550M10-144	21.27	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027								
								SI545M10-144	21.08												
								SI540M10-144	20.89												
								SI535M10-144	20.69												
								SI530M10-144	20.5												
								SI525M10-144	20.31												
								SI520M10-144	20.11												
								SI515M10-144	19.92												
								SI510M10-144	19.73												
								SI505M10-144	19.53												
								SI500M10-144	19.34												
								iii	Mono PERC c-Si Modules					SI475M10-132 (475)	SI495M10-132	20.84	132 (Half Cut Cell)	1500	16.11.2023	15.11.2027	
					SI490M10-132	20.63															
					SI485M10-132	20.41															
					SI480M10-132	20.2															
					SI475M10-132	19.99															
					SI470M10-132	19.78															
					SI465M10-132	19.57															
					SI460M10-132	19.36															
					SI455M10-132	19.15															
					SI450M10-120	20.78	120 (Half Cut Cell)			1500	16.11.2023	15.11.2027									
					SI445M10-120	20.55															
					SI440M10-120	20.31															
					SI435M10-120	20.08															
					SI430M10-120	19.85															
					SI425M10-120	19.62															
					SI420M10-120	19.39															
					SI415M10-120	19.16															
					SI405M10-108	20.69		108 (Half Cut Cell)	1500				16.11.2023	15.11.2027							
					SI400M10-108	20.44															
SI395M10-108	20.18																				
SI390M10-108	19.93																				
SI385M10-108	19.67																				
SI380M10-108	19.41																				
SI375M10-108	19.16																				
SI365M10-96	20.87	96 (Half Cut Cell)	1500	16.11.2023	15.11.2027																
SI360M10-96	20.59																				
SI355M10-96	20.3																				
SI350M10-96	20.02																				
SI340M10-96	19.44																				
SI335M10-96	19.16																				
SI320M10-84	20.78					84 (Half Cut Cell)	1500	16.11.2023	15.11.2027												
SI315M10-84	20.45																				
SI310M10-84	20.13																				
SI305M10-84	19.8																				
SI300M10-84	19.48																				
SI295M10-84	19.15																				
SI270M10-72	20.38	72 (Full Cell)	1500	16.11.2023	15.11.2027																
SI265M10-72	20.01																				
SI260M10-72	19.63																				
SI255M10-72	19.25																				
SI240M10-64	19.99									64 (Full Cell)	1500	16.11.2023	15.11.2027								
SI235M10-64	19.61																				
SI230M10-64	19.24																				
ISSM10-500-144	19.92					144 (Half Cut Cells)	1500	16.11.2023	15.11.2027												
ISSM10-505-144	20.12																				
ISSM10-510-144	20.23																				
ISSM10-515-144	20.28																				
ISSM10-520-144	20.38																				
ISSM10-525-144	20.47																				
67	M/s Inter Solar Systems Private Limited	Village Sundran, Derabassi, P.O – Mubarkpur, District Sas Nagar, Mohali-140507, Punjab	R-97001139	49	i									Mono c-Si PERC Module	ISSM10-525-144 (525Wp)	ISSM10-500-144	19.92	144 (Half Cut Cells)	1500	16.11.2023	15.11.2027
																ISSM10-505-144	20.12				
																ISSM10-510-144	20.23				
										ISSM10-515-144	20.28										
										ISSM10-520-144	20.38										
										ISSM10-525-144	20.47										

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								ISSM10-530-144	20.51				
								ISSM10-535-144	20.59				
								ISSM10-540-144	20.67				
								ISSM10-545-144	20.71				
								ISSM10-550-144	20.83				
68	M/s. ReNew Photovoltaics Private Limited	Plot No-DTA-02-40 to 45, Domestic Tariff Area Phase-II, Mahindra World City, Tehsil-Sanganer, Jaipur-302037, Rajasthan	R-84003778	2842	i	Mono PERC C-Si Modules	RPS2MH72MB530 (530Wp)	RPS2MH72MB515	19.93	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								RPS2MH72MB520	20.13				
								RPS2MH72MB525	20.32				
								RPS2MH72MB530	20.52				
								RPS2MH72MB535	20.71				
								RPS2MH72MB540	20.9				
								RPS2MH72MB545	21.1				
					ii	Bifacial Mono c-Si PERC Module	RPS2MH72BD530 (530Wp)	RPS2MH72BD515	19.93	144 (Half Cut Cell)	1500	16.11.2023	15.11.2027
								RPS2MH72BD520	20.13				
								RPS2MH72BD525	20.32				
								RPS2MH72BD530	20.52				
								RPS2MH72BD535	20.71				
								RPS2MH72BD540	20.9				
								RPS2MH72BD545	21.1				
69	M/s Abhishek Solar Industries Private Limited Unit II	Khata No. 67 Plot No. 53, Mesra, PO – Neori Vikas, Near NH 33, Ranchi, Jharkhand - 835217, India	R-58000140	142	i	Mono c-Si PERC Module	AS-575-HM156 (575 Wp)	AS-555-HM156	19.88	156 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-560-HM156	20.05				
								AS-565-HM156	20.22				
								AS-570-HM156	20.40				
								AS-575-HM156	20.59				
								AS-580-HM156	20.78				
								AS-585-HM156	20.96				
					ii	Mono c-Si PERC Module	AS-525-HM144 (525 Wp)	AS-500-HM144	19.36	144 Half Cut Cells	1500	24.01.2024	23.01.2028
								AS-505-HM144	19.54				
								AS-510-HM144	19.75				
								AS-515-HM144	19.94				
								AS-520-HM144	20.13				
								AS-525-HM144	20.32				
								AS-530-HM144	20.52				
iii	Mono c-Si PERC Module	AS-475-HM132 (475 Wp)	AS-455-HM132	19.18	132 Half Cut Cells	1500	24.01.2024	23.01.2028					
			AS-460-HM132	19.37									
			AS-465-HM132	19.60									
			AS-470-HM132	19.80									
			AS-475-HM132	20.01									
			AS-480-HM132	20.23									
			AS-485-HM132	20.44									
iv	Mono c-Si PERC Module	AS-385-HM108 (385 Wp)	AS-375-HM108	19.21	108 Half Cut Cells	1500	24.01.2024	23.01.2028					
			AS-380-HM108	19.47									
			AS-385-HM108	19.73									
			AS-390-HM108	19.99									
			AS-395-HM108	20.27									
			AS-400-HM108	20.47									
			AS-405-HM108	20.64									
v	Mono c-Si PERC Module	AS-430-HM120 (430Wp)	AS-415-HM120	19.20	120 Half Cut Cells	1500	24.01.2024	23.01.2028					
			AS-420-HM120	19.42									
			AS-425-HM120	19.64									
			AS-430-HM120	19.87									
			AS-435-HM120	20.11									
			AS-440-HM120	20.33									
			AS-445-HM120	20.56									
70	M/s. Icon Solar En Power Technologies Private Limited	PH No. 09, Gram Dighari Mandir Hasaud, The Arang, Raipur- 492001, Chhattisgarh, India	R-59000140	186	i	Mono c-Si PERC Module	ISEN575 (575 Wp)	ISEN560	20.03	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
								ISEN565	20.21				
								ISEN570	20.39				
								ISEN575	20.57				
								ISEN580	20.75				
								ISEN585	20.93				
								ISEN590	21.11				
								ISEN595	21.29				
								ISEN600	21.47				
								ISEN605	21.65				
							ISEN520	20.12					

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Mono c-Si PERC Module	ISEN540 (540 Wp)	ISEN525 ISEN530 ISEN535 ISEN540 ISEN545 ISEN550 ISEN555	20.32 20.52 20.71 20.9 21.1 21.3 21.48	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iii	Mono c-Si PERC Module	ISEN500 (500 Wp)	ISEN500 ISEN510 ISEN420 ISEN425 ISEN430 ISEN435	21.05 21.47 19.41 19.64 19.87 20.1	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iv	Mono c-Si PERC Module	ISEN440 (440 Wp)	ISEN440 ISEN445 ISEN450 ISEN455 ISEN460	20.34 20.57 20.8 21.03 21.26	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					v	Mono c-Si PERC Module	ISEN395 (395 Wp)	ISEN380 ISEN385 ISEN390 ISEN395 ISEN400 ISEN405 ISEN410	19.46 19.72 19.97 20.23 20.48 20.74 21	108 (Half Cut Cells)	1500	24.02.2024	23.02.2028
71	M/s. Waaree Energies Limited	Unit 2B, Survey No. 267, NH-48, Nandigram Village, Taluke Umbergaon, District Valsad, Gujarat 396105	R-72003085	1156	i	Mono c- Si PERC Module	WSMD-540 (540Wp)	WSMD-520 WSMD-525 WSMD-530 WSMD-535 WSMD-540 WSMD-545 WSMD-550	20.2 20.39 20.58 20.78 20.97 21.17 21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					ii	Bifacial Mono c- Si PERC Module	Bi-55-540 (540Wp)	Bi-55-520 Bi-55-525 Bi-55-530 Bi-55-535 Bi-55-540 Bi-55-545 Bi-55-550	20.2 20.39 20.58 20.78 20.97 21.17 21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iii	N TOPCon Module	WSMT-570 (570Wp)	WSMT-560 WSMT-565 WSMT-570 WSMT-575 WSMT-580	21.75 21.94 22.14 22.33 22.53	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iv	N TOPCon Module	WSMT-615 (615Wp)	WSMT-605 WSMT-610 WSMT-615 WSMT-620 WSMT-625	21.74 21.92 22.1 22.28 22.46	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					v	N TOPCon Module(Bifacial)	BIN-17-615 (615Wp)	BIN-17-605 BIN-17-610 BIN-17-615 BIN-17-620 BIN-17-625	21.64 21.82 22 22.18 22.35	156 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					vi	N TOPCon Module(Bifacial)	BIN-08-570 (570Wp)	BIN-08-560 BIN-08-565 BIN-08-570 BIN-08-575 BIN-08-580	21.67 21.87 22.06 22.25 22.45	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
72	M/s. Waaree Energies Limited	Survey No 38/1,Tumb Village,Tumb,Umbergaon,Valsad,Gujarat-396150	R-72002038	1095	i	Mono c- Si PERC Module	WSMD-440 (440Wp)	WSMD-420 WSMD-425 WSMD-430 WSMD-435 WSMD-440 WSMD-445 WSMD-450	19.32 19.55 19.78 20.01 20.24 20.47 20.7	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					ii	Mono c- Si PERC Module	WSMD-540 (540Wp)	WSMD-520 WSMD-525 WSMD-530 WSMD-535 WSMD-540 WSMD-545	20.2 20.39 20.58 20.78 20.97 21.17	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					iii	Mono c-Si PERC Bifacial Module	Bi-31-440(440Wp)	WSMD-550 Bi-31-420 Bi-31-425 Bi-31-430 Bi-31-435 Bi-31-440 Bi-31-445 Bi-31-450	21.36 19.32 19.55 19.78 20.01 20.24 20.47 20.7	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					iv	Bifacial Mono c-Si PERC Module	Bi-55-540 (540Wp)	Bi-55-520 Bi-55-525 Bi-55-530 Bi-55-535 Bi-55-540 Bi-55-545 Bi-55-550	20.2 20.39 20.58 20.78 20.97 21.17 21.36	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028
					v	Mono c-Si PERC Module	WSMDI-400 (400Wp)	WSMDI-395 WSMDI-400 WSMDI-405 WSMDI-410 WSMDI-415	19.79 20.03 20.28 20.53 20.78	132 (Half Cut Cells)	1500	24.02.2024	23.02.2028
73	M/s. Mundra Solar PV Limited	Survey No 180P, Co Mundra Solar Technopark Pvt. Ltd, Electronic manufacturing Cluster EMC, Village Vandh & Tunda, mundra, Kutch Adani Ports & SEZ, Tunda, Kachchh -- 370435, Gujarat	R-72008532	1942	i	Mono c-Si PERC Modules	ASM-M10-144-523 (523Wp)	ASM-M10-144-500 ASM-M10-144-501 ASM-M10-144-502 ASM-M10-144-503 ASM-M10-144-504 ASM-M10-144-505 ASM-M10-144-506 ASM-M10-144-507 ASM-M10-144-508 ASM-M10-144-509 ASM-M10-144-510 ASM-M10-144-511 ASM-M10-144-512 ASM-M10-144-513 ASM-M10-144-514 ASM-M10-144-515 ASM-M10-144-516 ASM-M10-144-517 ASM-M10-144-518 ASM-M10-144-519 ASM-M10-144-520 ASM-M10-144-521 ASM-M10-144-522 ASM-M10-144-523 ASM-M10-144-524 ASM-M10-144-525 ASM-M10-144-526 ASM-M10-144-527 ASM-M10-144-528 ASM-M10-144-529 ASM-M10-144-530 ASM-M10-144-531 ASM-M10-144-532 ASM-M10-144-533 ASM-M10-144-534 ASM-M10-144-535 ASM-M10-144-536 ASM-M10-144-537 ASM-M10-144-538 ASM-M10-144-539 ASM-M10-144-540 ASM-M10-144-541 ASM-M10-144-542 ASM-M10-144-543 ASM-M10-144-544 ASM-M10-144-545 ASB-M10-144-520 ASB-M10-144-521 ASB-M10-144-522 ASB-M10-144-523 ASB-M10-144-524 ASB-M10-144-525	19.47 19.51 19.55 19.59 19.63 19.67 19.7 19.74 19.78 19.82 19.86 19.9 19.94 19.98 20.02 20.05 20.09 20.13 20.17 20.21 20.25 20.29 20.33 20.37 20.41 20.44 20.48 20.52 20.56 20.6 20.64 20.68 20.72 20.76 20.8 20.83 20.87 20.91 20.95 20.99 21.03 21.07 21.11 21.15 21.18 21.22 20.25 20.29 20.33 20.37 20.41 20.44	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					ii	Bifacial c-Si PERC Modules	ASB-M10-144-548 (548Wp)	ASB-M10-144-526 20.48 ASB-M10-144-527 20.52 ASB-M10-144-528 20.56 ASB-M10-144-529 20.6 ASB-M10-144-530 20.64 ASB-M10-144-531 20.68 ASB-M10-144-532 20.72 ASB-M10-144-533 20.76 ASB-M10-144-534 20.8 ASB-M10-144-535 20.83 ASB-M10-144-536 20.87 ASB-M10-144-537 20.91 ASB-M10-144-538 20.95 ASB-M10-144-539 20.99 ASB-M10-144-540 21.03 ASB-M10-144-541 21.07 ASB-M10-144-542 21.11 ASB-M10-144-543 21.15 ASB-M10-144-544 21.18 ASB-M10-144-545 21.22 ASB-M10-144-546 21.26 ASB-M10-144-547 21.3 ASB-M10-144-548 21.34 ASB-M10-144-549 21.38 ASB-M10-144-550 21.42 ASB-M10-144-550 21.42 ASB-M10-144-551 21.46 ASB-M10-144-552 21.5 ASB-M10-144-553 21.54 ASB-M10-144-554 21.57 ASB-M10-144-555 21.61 ASB-M10-144-556 21.65 ASB-M10-144-557 21.69 ASB-M10-144-558 21.73 ASB-M10-144-559 21.77 ASB-M10-144-560 21.81 ASB-M10-144-561 21.85 ASB-M10-144-562 21.89 ASB-M10-144-563 21.92 ASB-M10-144-564 21.96 ASB-M10-144-565 22 ASB-M10-144-566 22.04 ASB-M10-144-567 22.08 ASB-M10-144-568 22.12 ASB-M10-144-569 22.16 ASB-M10-144-570 22.2 ASB-M10-144-571 22.24 ASB-M10-144-572 22.28 ASB-M10-144-573 22.31 ASB-M10-144-574 22.35 ASB-M10-144-575 22.39 SOMERA VSMH.72.550.05 21.33 SOMERA VSMH.72.545.05 21.13 SOMERA VSMH.72.540.05 20.94 SOMERA VSMH.72.535.05 20.75 SOMERA VSMH.60.460.05 21.28 SOMERA VSMH.60.455.05 21.05 SOMERA VSMH.60.450.05 20.82 SOMERA VSMH.60.445.05 20.59 PARADEA VSMDH.72.550.05 21.33 PARADEA VSMDH.72.545.05 21.13 PARADEA VSMDH.72.540.05 20.94 PARADEA VSMDH.72.535.05 20.75 SOMERA VSMH.72.450.05 20.23 SOMERA VSMH.72.445.05 20.01 SOMERA VSMH.72.440.05 19.79 TP55SLG10B 19.93 TP560LG10B 20.11 TP565LG10B 20.29 TP570LG10B 20.47 TP575LG10B 20.65 TP580LG10B 20.83	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028	
					iii	Bifacial n-type TOPCon Modules	ASB-M10-144-563 (563Wp)	ASB-M10-144-550 21.42 ASB-M10-144-551 21.46 ASB-M10-144-552 21.5 ASB-M10-144-553 21.54 ASB-M10-144-554 21.57 ASB-M10-144-555 21.61 ASB-M10-144-556 21.65 ASB-M10-144-557 21.69 ASB-M10-144-558 21.73 ASB-M10-144-559 21.77 ASB-M10-144-560 21.81 ASB-M10-144-561 21.85 ASB-M10-144-562 21.89 ASB-M10-144-563 21.92 ASB-M10-144-564 21.96 ASB-M10-144-565 22 ASB-M10-144-566 22.04 ASB-M10-144-567 22.08 ASB-M10-144-568 22.12 ASB-M10-144-569 22.16 ASB-M10-144-570 22.2 ASB-M10-144-571 22.24 ASB-M10-144-572 22.28 ASB-M10-144-573 22.31 ASB-M10-144-574 22.35 ASB-M10-144-575 22.39 SOMERA VSMH.72.550.05 21.33 SOMERA VSMH.72.545.05 21.13 SOMERA VSMH.72.540.05 20.94 SOMERA VSMH.72.535.05 20.75 SOMERA VSMH.60.460.05 21.28 SOMERA VSMH.60.455.05 21.05 SOMERA VSMH.60.450.05 20.82 SOMERA VSMH.60.445.05 20.59 PARADEA VSMDH.72.550.05 21.33 PARADEA VSMDH.72.545.05 21.13 PARADEA VSMDH.72.540.05 20.94 PARADEA VSMDH.72.535.05 20.75 SOMERA VSMH.72.450.05 20.23 SOMERA VSMH.72.445.05 20.01 SOMERA VSMH.72.440.05 19.79 TP55SLG10B 19.93 TP560LG10B 20.11 TP565LG10B 20.29 TP570LG10B 20.47 TP575LG10B 20.65 TP580LG10B 20.83	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028	
74	M/s. Vikram Solar Ltd.	Special Economic Zone (SEZ), Sector 2,Falta, 24 Parganas (South) - 743504, West Bengal	R-51000566	1325	i	Mono c-Si PERC Module	SOMERA VSMH.72.545.05 (545 Wp)	SOMERA VSMH.72.550.05 21.33 SOMERA VSMH.72.545.05 21.13 SOMERA VSMH.72.540.05 20.94 SOMERA VSMH.72.535.05 20.75 SOMERA VSMH.60.460.05 21.28 SOMERA VSMH.60.455.05 21.05 SOMERA VSMH.60.450.05 20.82 SOMERA VSMH.60.445.05 20.59 PARADEA VSMDH.72.550.05 21.33 PARADEA VSMDH.72.545.05 21.13 PARADEA VSMDH.72.540.05 20.94 PARADEA VSMDH.72.535.05 20.75 SOMERA VSMH.72.450.05 20.23 SOMERA VSMH.72.445.05 20.01 SOMERA VSMH.72.440.05 19.79	144 (Half Cut Cells)	1500	24.02.2024	23.02.2028	
					ii	Mono c-Si PERC Module	SOMERA VSMH.60.455.05 (455 Wp)	SOMERA VSMH.60.455.05 21.05 SOMERA VSMH.60.450.05 20.82 SOMERA VSMH.60.445.05 20.59 PARADEA VSMDH.72.550.05 21.33 PARADEA VSMDH.72.545.05 21.13 PARADEA VSMDH.72.540.05 20.94 PARADEA VSMDH.72.535.05 20.75 SOMERA VSMH.72.450.05 20.23 SOMERA VSMH.72.445.05 20.01 SOMERA VSMH.72.440.05 19.79	120 (Half Cut Cells)	1500	24.02.2024	23.02.2028	
					iii	Bifacial Mono c-Si PERC Module	PARADEA VSMDH.72.545.05 (545 Wp)	PARADEA VSMDH.72.550.05 21.33 PARADEA VSMDH.72.545.05 21.13 PARADEA VSMDH.72.540.05 20.94 PARADEA VSMDH.72.535.05 20.75 SOMERA VSMH.72.450.05 20.23 SOMERA VSMH.72.445.05 20.01 SOMERA VSMH.72.440.05 19.79	144 ( Half Cut Cells)	1500	24.02.2024	23.02.2028	
					iv	Mono c-Si PERC Module	SOMERA VSMH.72.445.05 (445 Wp)	SOMERA VSMH.72.450.05 20.23 SOMERA VSMH.72.445.05 20.01 SOMERA VSMH.72.440.05 19.79	144 (Half Cut cells)	1500	24.02.2024	23.02.2028	
75	M/s. TP Solar Limited	Plot No. A 109, Near Elkot Road, TP Solar Limited, Sipcot Road and OSR Park, Gangaikondan Road, Sipcot Industrial Park, Gangaikondan Industrial Park, Tirunelveli, Tamil Nadu- 627352	R-61004146	2525	i	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP575LG10B (575Wp)	TP55SLG10B 19.93 TP560LG10B 20.11 TP565LG10B 20.29 TP570LG10B 20.47 TP575LG10B 20.65 TP580LG10B 20.83	156(Half Cut Cells)	1500	22.03.2024	21.03.2028	

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								TP585LG10B	21.00				
								TP590LG10B	21.18				
								TP595LG10B	21.36				
								TP600LG10B	21.54				
								TP500HG10B	19.40				
					ii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP520HG10B (520Wp)	TP505HG10B	19.59	144 (Half cut Cells)	1500	22.03.2024	21.03.2028
							TP510HG10B	19.79					
							TP515HG10B	19.98					
							TP520HG10B	20.17					
							TP525HG10B	20.37					
							TP530HG10B	20.56					
							TP535HG10B	20.76					
							TP540HG10B	20.95					
							TP545HG10B	21.14					
							TP550HG10B	21.34					
					iii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP550HG10B (550 Wp)	TP555HG10B	21.53	144 (Half cut Cells)	1500	22.03.2024	21.03.2028
							TP460VG10B	19.19					
								TP465VG10B	19.47				
								TP470VG10B	19.61				
					iv	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP470VG10B (470 Wp)	TP475VG10B	19.81	132 (Half cut Cells)	1500	22.03.2024	21.03.2028
							TP480VG10B	20.02					
							TP485VG10B	20.23					
							TP490VG10B	20.44					
							TP495VG10B	20.65					
							TP500VG10B	20.86					
							TP505VG10B	21.07					
					vi	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP435MG10B (435 Wp)	TP420MG10B	19.21	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
							TP425MG10B	19.44					
							TP430MG10B	19.66					
							TP435MG10B	19.89					
							TP440MG10B	20.12					
							TP445MG10B	20.35					
							TP450MG10B	20.58					
							TP455MG10B	20.81					
								TP460MG10B	21.03				
								TP465MG10B	21.26				
					vii	Bifacial Mono c-Si PERC Module (Glass to Glass)	TP460MG10B (460 Wp)	TP555LG10TB	19.93	156(Half Cut Cells)	1500	22.03.2024	21.03.2028
							TP560LG10TB	20.11					
							TP565LG10TB	20.29					
							TP570LG10TB	20.47					
							TP575LG10TB	20.65					
							TP580LG10TB	20.83					
							TP585LG10TB	21.00					
							TP590LG10TB	21.18					
							TP595LG10TB	21.36					
							TP600LG10TB	21.54					
							TP500HG10TB	19.40					
								TP505HG10TB	19.59				
								TP510HG10TB	19.79				
								TP515HG10TB	19.98				
					ix	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP520HG10TB (520Wp)	TP520HG10TB	20.17	144 (Half cut Cells)	1500	22.03.2024	21.03.2028
							TP525HG10TB	20.37					
							TP530HG10TB	20.56					
							TP535HG10TB	20.76					
							TP540HG10TB	20.95					
							TP545HG10TB	21.14					
							TP550HG10TB	21.34					
							TP555HG10TB	21.53					
							TP460VG10TB	19.19					
							TP465VG10TB	19.47					
							TP470VG10TB	19.61					
								TP475VG10TB	19.81	132 (Half cut Cells)	1500	22.03.2024	21.03.2028
							TP480VG10TB	20.02					
							TP485VG10TB	20.23					
							TP490VG10TB	20.44					
							TP495VG10TB	20.65					
							TP500VG10TB	20.86					
							TP505VG10TB	21.07					
					xii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP500VG10TB (500 Wp)			132 (Half cut Cells)	1500	22.03.2024	21.03.2028

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
					xiii	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP435MG10TB (435 Wp)	TP420MG10TB TP425MG10TB TP430MG10TB TP435MG10TB TP440MG10TB TP445MG10TB TP450MG10TB TP455MG10TB TP460MG10TB	19.21 19.44 19.66 19.89 20.12 20.35 20.58 20.81 21.03	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
					xiv	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP460MG10TB (460 Wp)	TP465MG10TB	21.26	120 (Half Cut Cells)	1500	22.03.2024	21.03.2028
76	M/s. Solberry Energy Private Limited	Survey No.-164/002 & 165, Near Kamla Amrut Ind.Estate, Village-Indrad, Tal.-Kadi, Dist. - Mehsana - 382715, Gujarat, India	R-72009490	56	i	Mono c-Si PERC Module	SE144H520M (520 Wp)	SE144H540M SE144H535M SE144H530M SE144H525M SE144H520M SE144H515M SE144H510M SE144H505M	20.92 20.73 20.53 20.34 20.15 19.95 19.76 19.57	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					ii	Mono c-Si PERC Module	SE132H480M (480 Wp)	SE132H500M SE132H495M SE132H490M SE132H485M SE132H480M SE132H475M SE132H470M SE132H465M	21.06 20.85 20.64 20.43 20.22 20.01 19.80 19.60	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
					iii	Mono c-Si PERC Module	SE120H440M (440 Wp)	SE120H460M SE120H455M SE120H450M SE120H445M SE120H440M SE120H435M SE120H430M SE120H425M SE120H420M	21.23 21.00 20.77 20.54 20.31 20.10 19.85 19.62 19.39	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					iv	Mono c-Si PERC Module	SE108H400M (400 Wp)	SE108H410M SE108H405M SE108H400M SE108H395M SE108H390M SE108H385M	20.97 20.71 20.45 20.20 19.94 19.69	108 (Half cut cells)	1500	10.04.2024	09.04.2028
					v	Mono c-Si PERC Module	SE108H375M (375 Wp)	SE108H380M SE108H375M	19.43 19.18	108 (Half cut cells)	1500	10.04.2024	09.04.2028
					vi	Mono c-Si PERC Module	SE96H345M (345 Wp)	SE96H360M SE96H355M SE96H350M SE96H345M SE96H340M SE96H335M	20.62 20.33 20.05 19.76 19.47 19.19	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					vii	Bifacial Mono c-Si PERC Module	SE144H520MB (520 Wp)	SE144H540MB SE144H535MB SE144H530MB SE144H525MB SE144H520MB SE144H515MB SE144H510MB SE144H505MB	20.92 20.73 20.53 20.34 20.15 19.95 19.76 19.57	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
					viii	Bifacial Mono c-Si PERC Module	SE132H480MB (480 Wp)	SE132H500MB SE132H495MB SE132H490MB SE132H485MB SE132H480MB SE132H475MB SE132H470MB SE132H465MB	21.06 20.85 20.64 20.43 20.22 20.01 19.80 19.60	132 (Half cut Cells)	1500	10.04.2024	09.04.2028
					ix	Bifacial Mono c-Si PERC Module	SE120H440MB (440 Wp)	SE120H460MB SE120H455MB SE120H450MB SE120H445MB SE120H440MB SE120H435MB	21.23 21.00 20.77 20.54 20.31 20.10	120 (Half Cut Cells)	1500	10.04.2024	09.04.2028



S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
								SE120H430MB	19.85				
								SE120H425MB	19.62				
								SE120H420MB	19.39				
								SE108H410MB	20.97				
					x	Bifacial Mono c-Si PERC Module	SE108H400MB (400 Wp)	SE108H405MB	20.71	108 (Half cut cells)	1500	10.04.2024	09.04.2028
							SE108H400MB	20.45					
							SE108H395MB	20.20					
							SE108H390MB	19.94					
							SE108H385MB	19.69					
					xi	Bifacial Mono c-Si PERC Module	SE108H375MB (375Wp)	SE108H380MB	19.43	108 (Half cut cells)	1500	10.04.2024	09.04.2028
							SE108H375MB	19.18					
							SE96H360MB	20.62					
					xii	Bifacial Mono c-Si PERC Module	SE96H345MB (345 Wp)	SE96H355MB	20.33	96 (Half Cut Cells)	1500	10.04.2024	09.04.2028
							SE96H350MB	20.05					
							SE96H345MB	19.76					
							SE96H340MB	19.47					
							SE96H335MB	19.19					
77	M/s.Premier Energies International Private Limited	Plot No. S-95, S-96, S-100, S-101, S-102, S-103 & S-104, Raviryal, Raviryal(V), Maheswaram(M), Rangareddy (D), Telangana - 501359, India	R-63003719	1320	i	Bifacial N-type TOPCon Module (Glass to Transparent)	PEI-144-565THB-M10 (565 Wp)	PEI-144-545THB-M10	21.09	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								PEI-144-550THB-M10	21.28				
								PEI-144-555THB-M10	21.47				
								PEI-144-560THB-M10	21.67				
								PEI-144-565THB-M10	21.86				
								PEI-144-570THB-M10	22.05				
								PEI-144-575THB-M10	22.25				
								PEI-144-580THB-M10	22.44				
								PEI-144-585THB-M10	22.63				
								PEI-144-590THB-M10	22.83				
					ii	N-type TOPCon Module (Glass to Transparent)	PEI-132-520THB-M10 (520 Wp)	PEI-132-495THB-M10	20.85				
								PEI-132-500THB-M10	21.06				
								PEI-132-505THB-M10	21.28				
								PEI-132-510THB-M10	21.49				
								PEI-132-515THB-M10	21.70				
								PEI-132-520THB-M10	21.91				
								PEI-132-525THB-M10	22.12				
								PEI-132-530THB-M10	22.33				
								PEI-132-535THB-M10	22.54				
								PEI-132-540THB-M10	22.75				
					iii	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	PEI-144-535HB-M10 (535 Wp)	PEI-144-535HB-M10	20.70	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								PEI-144-540HB-M10	20.89				
								PEI-144-545HB-M10	21.09				
								PEI-144-550HB-M10	21.28				
								PEI-144-555HB-M10	21.48				
								PEI-144-560HB-M10	21.67				
								PEI-132-470HB-M10	19.80				
					iv	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	PEI-132-490HB-M10 (490 Wp)	PEI-132-475HB-M10	20.01	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								PEI-132-480HB-M10	20.22				
								PEI-132-485HB-M10	20.43				
								PEI-132-490HB-M10	20.64				
								PEI-132-495HB-M10	20.86				
								PEI-132-500HB-M10	21.07				
								PEI-132-505HB-M10	21.28				
								PEI-132-510HB-M10	21.49				
					v	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PEI-144-535HGB-M10 (535 Wp)	PEI-144-535HGB-M10	20.70				
								PEI-144-540HGB-M10	20.89				
								PEI-144-545HGB-M10	21.09				
								PEI-144-550HGB-M10	21.28				
								PEI-144-555HGB-M10	21.48				
								PEI-144-560HGB-M10	21.67				
					vi	Bifacial Mono c-Si PERC Modules (Glass to Glass)	PEI-132-490HGB-M10 (490 Wp)	PEI-132-470HGB-M10	19.80	132 (Half Cut Cells)	1500	10.04.2024	09.04.2028
								PEI-132-475HGB-M10	20.01				
								PEI-132-480HGB-M10	20.22				
								PEI-132-485HGB-M10	20.43				
								PEI-132-490HGB-M10	20.64				
								PEI-132-495HGB-M10	20.86				
								PEI-132-500HGB-M10	21.07				
								PEI-132-505HGB-M10	21.28				
								PEI-132-510HGB-M10	21.49				
					vii	Bifacial N-type TOPCon Module	PEI-144-565THGB-M10 (565 Wp)	PEI-144-545THGB-M10	21.09				
								PEI-144-550THGB-M10	21.28				
								PEI-144-555THGB-M10	21.47				
								PEI-144-560THGB-M10	21.67				
								PEI-144-565THGB-M10	21.86				

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity		
												From	To (subject to valid BIS Registration; else deemed to be delisted)	
						(Glass to Glass)		PEI-144-570THGB-M10 22.05 PEI-144-575THGB-M10 22.25 PEI-144-580THGB-M10 22.44 PEI-144-585THGB-M10 22.63 PEI-144-590THGB-M10 22.83						
					viii	N-type TOPCon Module (Glass to Glass)	PEI-132-520THGB-M10 (520 Wp)	PEI-132-495THGB-M10 20.85 PEI-132-500THGB-M10 21.06 PEI-132-505THGB-M10 21.28 PEI-132-510THGB-M10 21.49 PEI-132-515THGB-M10 21.70 PEI-132-520THGB-M10 21.91 PEI-132-525THGB-M10 22.12 PEI-132-530THGB-M10 22.33 PEI-132-535THGB-M10 22.54 PEI-132-540THGB-M10 22.75		132 (Half Cut Cells)	1500	10.04.2024	09.04.2028	
78	M/s. Total Solar Technologies Private Limited	Block No. 84 Paiki, Opposite Chachawadi Temple, Changodar, Chachawadi Vasna, Changodar, Ahmedabad - 382213, Gujarat, India	R-72009466	52	i	Mono c-Si PERC Module	TST144MPH-535 (535Wp)	TST144MPH-525 20.00 TST144MPH-530 20.18 TST144MPH-535 20.38 TST144MPH-540 20.58		144 (Half Cut Cells)	1500	10.04.2024	09.04.2028	
					ii	Mono c-Si PERC Module	TST132MPH-490 (490Wp)	TST132MPH-480 19.91 TST132MPH-485 20.11 TST132MPH-490 20.32 TST132MPH-495 20.53 TST132MPH-500 20.74		132 (Half cut Cells)	1500	10.04.2024	09.04.2028	
					iii	Mono c-Si PERC Module	TST120MPH-445 (445Wp)	TST120MPH-440 19.99 TST120MPH-445 20.22 TST120MPH-450 20.45 TST120MPH-455 20.68		120 (Half Cut Cells)	1500	10.04.2024	09.04.2028	
					iv	Mono c-Si PERC Module	TST108MPH-400 (400Wp)	TST108MPH-390 19.60 TST108MPH-395 19.86 TST108MPH-400 20.11 TST108MPH-405 20.36 TST108MPH-410 20.61		108 (Half cut cells)	1500	10.04.2024	09.04.2028	
					v	Mono c-Si PERC Module	TST96MPH-360 (360Wp)	TST96MPH-350 19.68 TST96MPH-355 19.96 TST96MPH-360 20.24 TST96MPH-365 20.52		96 (Half Cut Cells)	1500	10.04.2024	09.04.2028	
					vi	Mono c-Si PERC Module	TST84MPH-315 (315Wp)	TST84MPH-305 19.46 TST84MPH-310 19.78 TST84MPH-315 20.09 TST84MPH-320 20.41		84 (Half Cut Cells)	1500	10.04.2024	09.04.2028	
					vii	Mono c-Si PERC Module	TST72MPH-270 (270Wp)	TST72MPH-260 19.16 TST72MPH-265 19.53 TST72MPH-270 19.90 TST72MPH-275 20.27		72 (Half cut Cells)	1500	10.04.2024	09.04.2028	
					viii	Mono c-Si PERC Module	TST60MPH-220 (220Wp)	TST60MPH-220 19.22 TST60MPH-225 19.66		60 (Half Cut Cells)	1500	10.04.2024	09.04.2028	
79	M/s. Integrated Batteries India Pvt Ltd	Plot No. 40, Sector -10, Greater Noida, Uttar Pradesh - 201310, India	R-93017612	93	i	Mono c-Si PERC Modules	IBMPF-395 (395 Wp)	IBMPF-380 19.30 IBMPF-385 19.55 IBMPF-390 19.81 IBMPF-395 20.06 IBMPF-400 20.31 IBMPH-405 20.57 IBMPH-410 20.82		108 (Half Cut Cells)	1500	10.04.2024	09.04.2028	
					ii	Mono c-Si PERC Modules	IBMPH-435 (435 Wp)	IBMPH-415 19.05 IBMPH-420 19.28 IBMPH-425 19.51 IBMPH-430 19.74 IBMPH-435 19.97 IBMPH-440 20.19 IBMPH-445 20.42 IBMPH-450 20.65 IBMPH-455 20.88		120 (Half Cut Cells)	1500	10.04.2024	09.04.2028	
					iii	Mono c-Si PERC Modules	IBMPH-480 (480 Wp)	IBMPH-460 19.26 IBMPH-465 19.47 IBMPH-470 19.68 IBMPH-475 19.89 IBMPH-480 20.10 IBMPH-485 20.31 IBMPH-490 20.52 IBMPH-495 20.73 IBMPH-500 20.93		132 (Half Cut Cells)	1500	10.04.2024	09.04.2028	

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity													
												From	To (subject to valid BIS Registration; else deemed to be delisted)												
					iv	Mono c-Si PERC Modules	IBMPH-525 (525 Wp)	IBMPH-505 19.57 IBMPH-510 19.77 IBMPH-515 19.96 IBMPH-520 20.16 IBMPH-525 20.35 IBMPH-530 20.54 IBMPH-535 20.74 IBMPH-540 20.93 IBMPH-545 21.13		144 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
80	M/s.ReNew Photovoltaics Private Limited	Plot No. 232, TP-2/A, Dholera Special Investment Region, Dholera, Ahmedabad - 382455, Gujarat, India	R-72009903	856	i	Bifacial Mono c-Si PERC Module	RPS2MH72BD550 (550Wp)	RPS2MH72BD535 20.71 RPS2MH72BD540 20.90 RPS2MH72BD545 21.10 RPS2MH72BD550 21.30 RPS2MH72BD555 21.48 RPS2MH72BD560 21.68		144 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
81	M/s. Grew Energy Private Limited	Khasra No. 2215, 2216, 1654, 1655, 1656, 2217, 2214, DUDU Jaipur, Rajasthan- 303008, India	R-84004332	1150	i	Mono c-Si PERC Module	GMF72HM10540 (540 Wp)	GMF72HM10525 20.32 GMF72HM10530 20.51 GMF72HM10535 20.71 GMF72HM10540 20.90 GMF72HM10545 21.09 GMF72HM10550 21.29		144 (Half Cut Cells)	1500	10.04.2024	09.04.2028												
								ii	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB72HM10540 (540 Wp)	GMB72HM10525 20.32 GMB72HM10530 20.51 GMB72HM10535 20.71 GMB72HM10540 20.90 GMB72HM10545 21.09 GMB72HM10550 21.29		144 (Half Cut Cells)	1500	10.04.2024	09.04.2028									
											iii	Mono c-Si PERC Module	GMF66HM10490 (490 Wp)	GMF66HM10480 20.20 GMF66HM10485 21.41 GMF66HM10490 20.62 GMF66HM10495 20.83 GMF66HM10500 21.04 GMF66HM10505 21.25		132 (Half cut Cells)	1500	10.04.2024	09.04.2028						
														iv	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB66HM10490 (490 Wp)	GMB66HM10480 20.20 GMB66HM10485 21.41 GMB66HM10490 20.62 GMB66HM10495 20.83 GMB66HM10500 21.04 GMB66HM10505 21.25		132 (Half cut Cells)	1500	10.04.2024	09.04.2028			
																	v	Mono c-Si PERC Module	GMF60HM10450 (450 Wp)	GMF60HM10435 20.08 GMF60HM10440 20.31 GMF60HM10445 20.54 GMF60HM10450 20.77 GMF60HM10455 21.00 GMF60HM10460 21.23		120 (Half Cut Cells)	1500	10.04.2024	09.04.2028
																				vi	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB60HM10450 (450 Wp)	GMB60HM10435 20.08 GMB60HM10440 20.31 GMB60HM10445 20.54 GMB60HM10450 20.77 GMB60HM10455 21.00 GMB60HM10460 21.23		120 (Half Cut Cells)
					vii	Mono c-Si PERC Module	GMF54HM10400 (400 Wp)																GMF54HM10390 19.93 GMF54HM10395 20.19 GMF54HM10400 20.44 GMF54HM10405 20.70 GMF54HM10410 20.95 GMF54HM10415 21.21		108 (Half Cut Cells)
								viii	Bifacial Mono c-Si PERC Module (Glass to Transparent BackSheet)	GMB54HM10400 (400 Wp)													GMB54HM10390 19.93 GMB54HM10395 20.19 GMB54HM10400 20.44 GMB54HM10405 20.70 GMB54HM10410 20.95 GMB54HM10415 21.21		108 (Half Cut Cells)
											ix	Mono c-Si PERC Module	GMF48HM10350 (350 Wp)										GMF48HM10340 19.46 GMF48HM10345 19.75 GMF48HM10350 20.04 GMF48HM10355 20.32 GMF48HM10360 20.61 GMF48HM10365 20.90		96 (Half Cut Cells)
														x	Bifacial Mono c-Si PERC Module	GMB48HM10350							GMB48HM10340 19.46 GMB48HM10345 19.75 GMB48HM10350 20.04		96 (Half Cut Cells)

S. No.	Name of the Manufacturer	Location of Manufacturing Facility	BIS Registration No.	Enlisted Capacity (MWs / Year)	S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	No. of Cells in Module	System Voltage (in Volt)	Validity	
												From	To (subject to valid BIS Registration; else deemed to be delisted)
						(Glass to Transparent Backsheet)	(350 Wp)	GMB48HM10355 GMB48HM10360 GMB48HM10365	20.32 20.61 20.90				
82	M/s. AG Solar Urja Udyog	Plot No. 428 & 443, Khata No. 212/215, Rengali, Sambalpur - 768212, Orissa, India	R-52000205	53	i	Mono c-Si PERC Modules	ASU144CM545Wp (545 Wp)	ASU144CM520Wp ASU144CM525Wp ASU144CM530Wp ASU144CM535Wp ASU144CM540Wp ASU144CM545Wp ASU144CM550Wp	20.15 20.34 20.53 20.73 20.92 21.12 21.31	144 (Half Cut Cells)	1500	10.04.2024	09.04.2028
83	M/s. FS India Solar Ventures Private Limited	Plot No. A-1/1, Sipcot Industrial Park, Pillaiakkam - 602105, Tamil Nadu, India	R-61004316	3212	i	Cadmium Telluride Thin Film Module	FS-7525-FT1 (525 Wp)	FS-7505-FT1 FS-7510-FT1 FS-7515-FT1 FS-7520-FT1 FS-7525-FT1 FS-7530-FT1 FS-7535-FT1 FS-7540-FT1	18.06 18.23 18.41 18.60 18.77 18.95 19.13 19.30	268 (Thin Film Cells)	1500	29.04.2024	28.04.2028
					ii	Cadmium Telluride Thin Film Module	FS-7525A-FT1 (525 Wp)	FS-7505A-FT1 FS-7510A-FT1 FS-7515A-FT1 FS-7520A-FT1 FS-7525A-FT1 FS-7530A-FT1 FS-7535A-FT1 FS-7540A-FT1	18.06 18.23 18.41 18.60 18.77 18.95 19.13 19.30	268 (Thin Film Cells)	1500	29.04.2024	28.04.2028

F. No. 283/54/2018- GRID SOLAR- Part (1)  
भारत सरकार / Government of India  
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy  
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,  
Lodhi Road, New Delhi - 110003  
Dated: 24<sup>th</sup> January, 2024

To,

M/s. Gautam Solar Private Limited  
Plot No: 67-70, Sec-8A, II E,  
Sidcul, Haridwar-249403  
Uttarakhand, India  
Email id: gautamsolar@gmail.com

**Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Gautam Solar Private Limited - reg.**

Sir,

This is in reference to the application received from M/s. **Gautam Solar Private Limited** requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Gautam Solar Private Limited, Plot No: 67-70, Sec-8A, II E, Sidcul, Haridwar-249403, Uttarakhand, India in respect of 02 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)  
Scientist-E  
Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary / PPS to JS (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

**Appendix-I**

Name of Manufacturer	M/s. Gautam Solar Private Limited
Plant Address	Plot No: 67-70, Sec-8A, II E, Sidcul, Haridwar-249403, Uttarakhand, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	319 MW/Year
Applied Capacity	400 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R.No.	No. of Cells in Module	System Voltage in Volt	Remarks
1.	Mono c-Si Module	G2X575-HAD (575Wp) G2X551-HAD (551Wp) G2X590-HAD (590Wp)	G2X590-HAD	22.84	R-83006041	144 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			G2X1767-UHAD	22.80				
			G2X588-HAD	22.76				
			G2X587-HAD	22.72				
			G2X1758T-UHAD	22.68				
			G2X585-HAD	22.65				
			G2X1752-UHAD	22.61				
			G2X583-HAD	22.57				
			G2X582-HAD	22.53				
			G2X1743T-UHAD	22.49				
			G2X580-HAD	22.45				
			G2X1737-UHAD	22.41				
			G2X578-HAD	22.37				
			G2X577-HAD	22.34				

G2X1728T-UHAD	22.30
G2X575-HAD	22.26
G2X1722-UHAD	22.22
G2X573-HAD	22.18
G2X572-HAD	22.14
G2X1713T-UHAD	22.10
G2X570-HAD	22.07
G2X1707-UHAD	22.03
G2X568-HAD	21.99
G2X567-HAD	21.95
G2X1698T-UHAD	21.91
G2X565-HAD	21.87
G2X1692-UHAD	21.83
G2X563-HAD	21.79
G2X562-HAD	21.76
G2X1683T-UHAD	21.72
G2X560-HAD	21.68
G2X1677-UHAD	21.64
G2X558-HAD	21.60
G2X557-HAD	21.56
G2X1668T-UHAD	21.52
G2X555-HAD	21.48
G2X1662-UHAD	21.45
G2X553-HAD	21.41
G2X552-HAD	21.37
G2X1653T-UHAD	21.33

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2	Mono c-Si Module	G2X480- HAA (480Wp) (461Wp- 500Wp)	G2X500- HAA	22.93	120 (Half Cut Cells)	1500	Provisionally Enlisted in ALMM
			G2X1497- UHAA	22.88			
			G2X498- HAA	22.84			
			G2X497- HAA	22.79			
			G2X1488T- UHAA	22.75			
			G2X495- HAA	22.70			
			G2X1482- UHAA	22.65			
			G2X493- HAA	22.61			
			G2X492- HAA	22.56			
			G2X1473T- UHAA	22.52			
			G2X490- HAA	22.47			
			G2X1467- UHAA	22.42			
			G2X488- HAA	22.38			
			G2X487- HAA	22.33			
			G2X1458T- UHAA	22.29			
			G2X485- HAA	22.24			
			G2X1452- UHAA	22.19			
			G2X483- HAA	22.15			
			G2X482- HAA	22.10			
			G2X1443T- UHAA	22.06			
			G2X480- HAA	22.01			
			G2X1437- UHAA	21.97			
			G2X478- HAA	21.92			
			G2X477- HAA	21.87			
			G2X1428T- UHAA	21.83			
			G2X475- HAA	21.78			



		G2X1422-UHAA	21.74			
		G2X473-HAA	21.69			
		G2X472-HAA	21.64			
		G2X1413T-UHAA	21.60			
		G2X470-HAA	21.55			
		G2X1407-UHAA	21.51			
		G2X468-HAA	21.46			
		G2X467-HAA	21.42			
		G2X1398T-UHAA	21.37			
		G2X465-HAA	21.32			
		G2X1392-UHAA	21.28			
		G2X463-HAA	21.23			
		G2X462-HAA	21.19			
		G2X1383T-UHAA	21.14			

SK

F. No. 283/54/2018- GRID SOLAR- Part (1)  
भारत सरकार / Government of India  
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy  
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,  
Lodhi Road, New Delhi - 110003  
Dated: 24<sup>th</sup> January, 2024

To,

M/s. Sahaj Solar Limited,  
Plot No. D4, Survey No. 742 & 745, Gallops Industrial Park,  
Village Rajoda, Sarkhej-Bavla Road, NH 88,  
Ahmedabad, Gujarat-382220, India.  
Email id: hshah@sahajsolar.com

**Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Sahaj Solar Limited - reg.**

Sir,

This is in reference to the application received from M/s. Sahaj Solar Limited requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Sahaj Solar Limited, Plot No. D4, Survey No. 742 & 745, Gallops Industrial Park, Village Rajoda, Sarkhej-Bavla Road, NH 88, Ahmedabad, Gujarat-382220, India in respect of 03 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,





(Sanjay G. Karndhar)  
Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary / PPS to JS (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

**Appendix-I**

Name of Manufacturer	M/s Sahaj Solar Limited
Plant Address	Plot No. D4, Survey No. 742 & 745, Gallops Industrial Park, Village- Rajoda, Sarkhej-Bavla Road, NH 88, Ahmedabad, Gujarat-382220, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	100 MW/Year
Applied Capacity	100 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS R. No.	No. of Cells in Module	System Voltage in Volt	Remarks
1.	Mono PERC c-Si Module	SS-535 (535 Wp)	SS-520	20.12%	R-72005630	144 Half Cut Cells	1500	Provisionally Enlisted in ALMM
			SS-525	20.31%				
			SS-530	20.51%				
			SS-535	20.70%				
			SS-540	20.89%				
			SS-545	21.09%				
			SS-550	21.28%				
2	Mono PERC c-Si Module	SS-132C495 (495 Wp)	SS-132C480	20.22%				
			SS-132C485	20.43%				
			SS-132C490	20.64%				
			SS-132C495	20.86%				
			SS-132C500	21.07%				
			SS-132C505	21.27%				
			SS-132C510	21.49%				
			SS-132C515	21.70%				
3	Mono PERC c-Si Module	SS-120C445 (445 Wp)	SS-120C440	20.34%				
			SS-120C445	20.57%				
			SS-120C450	20.79%				
			SS-120C455	21.02%				
			SS-120C455	21.02%				



**F. No. 283/54/2018- GRID SOLAR- Part (1)**  
**भारत सरकार / Government of India**  
**नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy**  
**ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division**

Atal Akshay Urja Bhawan,  
Lodhi Road, New Delhi – 110003  
**Dated: 24<sup>th</sup> February, 2024**

To,

**M/s. Sri Savitr Solar Private Limited**  
Plot No. 34/1, Survey No. 374,  
C.I.E, Phase 2 Gandhinagar, Quthbulapur,  
Ranga Reddy, Telangana-500037, India.  
Email id: avramesh@srisavitr solar.com

**Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Sri Savitr Solar Private Limited – reg.**

Sir,

This is in reference to the application received from **M/s. Sri Savitr Solar Private Limited** requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Sri Savitr Solar Private Limited, Plot No. 34/1, Survey No. 374, C.I.E, Phase 2 Gandhinagar, Quthbulapur, Telangana-500037, India, in respect of 08 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



**(Sanjay G. Karndhar)**  
Scientist-E

Email: karndhar.sg@nic.in

**Copy to:** Director General, National Institute of Solar Energy (NISE).

**Copy for internal circulation to:** PS to Secretary / PPS to JS (DDJ)

**Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.**

**Appendix-I**

Name of Manufacturer	M/s Sri Savitr Solar Private Limited
Plant Address	Plot No. 34/1, Survey No. 374, C.I.E., Phase 2, Gandhinagar, Quthbulapur, Ranga Reddy, Telangana-500037, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	68 MW/Year
Applied Capacity	68 MW/Year
Application Type	Model Addition

**Details of Additional Models:**

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks	
1	Mono PERC c-Si Module	SSSPL-72TP-265 (265 Wp)	SSSPL-72TP-255	19.20%	Registration No.: R- 63000922	72 (Half Cut Cells)	1500	Provisional Enlistment	
			SSSPL-72TP-260	19.58%					
			SSSPL-72TP-265	19.96%					
			SSSPL-72TP-270	20.33%					
			SSSPL-72TP-275	20.71%					
2	Mono PERC c-Si Module	SSSPL-72TP-265 (280 Wp)	SSSPL-72TP-280	21.08%		72 (Half Cut Cells)	1500		
3	Mono PERC c-Si Module	SSSPL-108TP-390 (390 Wp)	SSSPL-108TP-380	19.47%		108 (Half Cut Cells)	1500		
			SSSPL-108TP-390	19.98%					
			SSSPL-108TP-400	20.49%					
4	Mono PERC c-Si Module	SSSPL-108TP-410 (410Wp)	SSSPL-108TP-410	21.00%		108 (Half Cut Cells)	1500		
5	Mono PERC c-Si Module	SSSPL-120TP-440 (440Wp)	SSSPL-120TP-420	19.42%	120 (Half Cut Cells)	1500			
			SSSPL-120TP-430	19.89%					
			SSSPL-120TP-440	20.35%					
			SSSPL-120TP-450	20.81%					
			SSSPL-120TP-460	21.27%					
6	Mono PERC c-Si Module	SSSPL-132TP-485 (485 Wp)	SSSPL-132TP-470	19.81%	132 (Half Cut Cells)	1500			
			SSSPL-132TP-475	20.02%					
			SSSPL-132TP-480	20.23%					
			SSSPL-132TP-485	20.44%					
			SSSPL-132TP-490	20.66%					
			SSSPL-132TP-495	20.87%					
7	Mono PERC c-Si Module	SSSPL-144TP-520 (520 Wp)	SSSPL-132TP-500	21.07%	144 (Half Cut Cells)	1500			
			SSSPL-144TP-500	19.36%					
			SSSPL-144TP-510	19.75%					
			SSSPL-144TP-520	20.14%					
			SSSPL-144TP-530	20.52%					
8	Mono PERC c-Si Module	SSSPL-144TP-550 (550 Wp)	SSSPL-144TP-550	21.30%	144 (Half Cut Cells)	1500			

*SS*

**F. No. 283/54/2018- GRID SOLAR- Part (1)**  
**भारत सरकार / Government of India**  
**नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy**  
**ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division**

Atal Akshay Urja Bhawan,  
Lodhi Road, New Delhi – 110003  
**Dated: 24<sup>th</sup> February, 2024**

To,

**M/s. Rajasthan Electronics and Instruments Limited (REIL),**  
2, Kanakpura Industrial Area, Sirsi Road,  
Jaipur-302040, Rajasthan, India  
Email id: ashish.choudhary@reil.co.in

**Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Rajasthan Electronics and Instruments Limited (REIL) – reg.**

Sir,

This is in reference to the application received from **M/s. Rajasthan Electronics and Instruments Limited (REIL)** requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Rajasthan Electronics and Instruments Limited (REIL), 2, Kanakpura Industrial Area, Sirsi Road, Jaipur-302040, Rajasthan, India, in respect of 01 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



**(Sanjay G. Karndhar)**

Scientist-E

Email: karndhar.sg@nic.in

**Copy to:** Director General, National Institute of Solar Energy (NISE).

**Copy for internal circulation to:** PS to Secretary / PSO to JS (DDJ)

**Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.**

**Appendix-I**

Name of Manufacturer	M/s. Rajasthan Electronics and Instruments Limited (REIL)
Plant Address	2, Kanakpura Industrial Area, Sirsi Road, Jaipur-302040, Rajasthan, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	23 MW/Year
Applied Capacity	19 MW/Year
Application Type	Model Addition

## Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks
1	Mono c-Si Module	385VV72 (385 Wp)	390W72	20.07%	<b>Registration No.:</b> R-84003077	72 Full Cells	1500	Provisional Enlistment
			385W72	19.82%				
			380W72	19.56%				
			375W72	19.30%				



F. No. 283/54/2018- GRID SOLAR- Part (1)  
भारत सरकार / Government of India  
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy  
ग्रिड सौर ऊर्जा प्रभाग/ Grid Solar Power Division

Atal Akshay Urja Bhawan,  
Lodhi Road, New Delhi - 110003  
Dated: 22<sup>nd</sup> March, 2024

To,

M/s. Alpex Solar Limited  
Plot No. I-25 & I-26, UPSIDC, Site-5,  
Surajpur, Greater Noida, District: Gautam Budh Nagar,  
Uttar Pradesh-201306, India  
Email id: lakhan.singh@alpexonline.com

**Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Alpex Solar Limited - reg.**

Sir,

This is in reference to the application received from M/s. Alpex Solar Limited requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Alpex Solar Limited, Plot No. I-25 & I-26, UPSIDC, Site-5, Surajpur, Greater Noida, District: Gautam Budh Nagar, Uttar Pradesh-201306, India, in respect of 05 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)  
Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary / PS to JS (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website



Appendix-I

Name of Manufacturer	M/s. Alpex Solar Limited
Plant Address	Plot No. I-25 & I-26, UPSIDC, Site-5, Surajpur, Greater Noida, District: Gautam Budh Nagar, Uttar Pradesh-201306, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	248 MW/Year
Applied Capacity	600 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage (V)	Remarks
1	Mono c-Si PERC Module	ALP24L535WM (535Wp)	ALP24L520WM	20.05	Registration No.: R-93007480	144 (Half Cut Cells)	1500	Provisionally Enlisted
			ALP24L525WM	20.24				
			ALP24L530WM	20.44				
			ALP24L535WM	20.63				
2	Mono c-Si PERC Module	ALP22L495WM (495Wp)	ALP24L540WM	20.82				
			ALP22L480WM	20.14				
			ALP22L485WM	20.35				
			ALP22L490WM	20.56				
			ALP22L495WM	20.77				
			ALP22L500WM	20.98				
			ALP22L505WM	21.19				
3	Mono c-Si PERC Module	ALP20L455WM (455Wp)	ALP22L510WM	21.39				
			ALP22L515WM	21.60				
			ALP20L435WM	20.01				
			ALP20L440WM	20.24				
			ALP20L445WM	20.47				
			ALP20L450WM	20.70				
			ALP20L455WM	20.93				
			ALP20L460WM	21.16				
4	Mono c-Si PERC Module	ALP18L400WM (400Wp)	ALP20L465WM	21.39				
			ALP20L470WM	21.62				
			ALP20L475WM	21.85				
			ALP18L390WM	19.86				
			ALP18L395WM	20.11				
			ALP18L400WM	20.36				
5	Mono c-Si PERC Module	ALP12L275WM (275Wp)	ALP18L405WM	20.62				
			ALP18L410WM	20.87				
			ALP18L415WM	21.13				
			ALP12L265WM	19.85				
			ALP12L270WM	20.22				
			ALP12L275WM	20.6				
			ALP12L280WM	20.97				
			ALP12L285WM	21.34				



F. No. 283/54/2018- GRID SOLAR- Part (1)  
भारत सरकार / Government of India  
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy  
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,  
Lodhi Road, New Delhi – 110003  
Dated: 22<sup>nd</sup> March, 2024

To,

M/s. Pixon Green Energy Private Limited  
R.S. No. 157/1, 158/1, 158/2,  
165/1, Survey No. 15/1,  
Depailya, Khijadiya Nana,  
Rajkot, Gujarat-360110, India  
Email id: tender@pixonenergy.in

**Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Pixon Green Energy Private Limited - reg.**

Sir,

This is in reference to the application received from M/s. Pixon Green Energy Private Limited requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Pixon Green Energy Private Limited, R.S. No. 157/1, 158/1, 158/2, 165/1, Survey No. 15/1, Depailya, Khijadiya Nana, Rajkot, Gujarat-360110, India in respect of 13 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)  
Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary / PS to JS (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website

**Appendix-I**

Name of Manufacturer	M/s Pixon Green Energy Private Limited
Plant Address	R.S. No. 157/1, 158/1, 158/2, 165/1, Survey No. 15/1, Depailya, Khijadiya Nana, Rajkot, Gujarat-360110, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	200 MW/Year
Applied Capacity	500 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks
1	Mono c-Si PERC Module	PIX MPH 132 645 (645Wp)	PIX MPH 132 625	19.93	Registration No.: R-72004570	132 (Half cut cells)	1500	Provisionally Enlisted
			PIX MPH 132 630	20.09				
			PIX MPH 132 635	20.25				
			PIX MPH 132 640	20.41				
			PIX MPH 132 645	20.57				
			PIX MPH 132 650	20.72				
			PIX MPH 132 655	20.88				
PIX MPH 132 660	21.04							
2	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 132 645 (645Wp)	PIX MBHTB 132 625	19.93				
			PIX MBHTB 132 630	20.09				
			PIX MBHTB 132 635	20.25				
			PIX MBHTB 132 640	20.41				
			PIX MBHTB 132 645	20.57				
			PIX MBHTB 132 650	20.72				
			PIX MBHTB 132 655	20.88				
PIX MBHTB 132 660	21.04							
3	Mono c-Si PERC Module	PIX MPH 120 600 (600Wp)	PIX MPH 120 570	19.94				
			PIX MPH 120 575	20.11				
			PIX MPH 120 580	20.29				
			PIX MPH 120 585	20.46				
			PIX MPH 120 590	20.64				
			PIX MPH 120 595	20.81				
			PIX MPH 120 600	20.99				
4	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 120 600 (600Wp)	PIX MBHTB 120 570	19.94				
			PIX MBHTB 120 575	20.11				
			PIX MBHTB 120 580	20.29				
			PIX MBHTB 120 585	20.46				
			PIX MBHTB 120 590	20.64				
			PIX MBHTB 120 595	20.81				
			PIX MBHTB 120 600	20.99				
5	Mono c-Si PERC Module	PIX MPH 108 530 (530Wp)	PIX MPH 108 510	19.76				
			PIX MPH 108 515	19.95				
			PIX MPH 108 520	20.14				
			PIX MPH 108 525	20.34				
			PIX MPH 108 530	20.53				
			PIX MPH 108 535	20.73				
			PIX MPH 108 540	20.92				
6	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 108 530 (530Wp)	PIX MPHTB 108 510	19.76				
			PIX MPHTB 108 515	19.95				
			PIX MPHTB 108 520	20.14				
			PIX MPHTB 108 525	20.34				
			PIX MPHTB 108 530	20.53				
			PIX MPHTB 108 535	20.73				
			PIX MPHTB 108 540	20.92				

*SK*

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks
7	Mono c-Si PERC Module	PIX MPH 156 585 (585Wp)	PIX MPH 156 560	20.00		156 (Half cut cells)	1500	
			PIX MPH 156 565	20.18				
			PIX MPH 156 570	20.36				
			PIX MPH 156 575	20.54				
			PIX MPH 156 580	20.71				
			PIX MPH 156 585	20.89				
			PIX MPH 156 590	21.07				
8	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 156 585 (585Wp)	PIX MBHTB 156 560	20.00		156 (Half cut cells)	1500	
			PIX MBHTB 156 565	20.18				
			PIX MBHTB 156 570	20.36				
			PIX MBHTB 156 575	20.54				
			PIX MBHTB 156 580	20.71				
			PIX MBHTB 156 585	20.89				
			PIX MBHTB 156 590	21.07				
9	Mono c-Si PERC Module	PIX MPH 144 535 (535Wp)	PIX MPH 144 510	19.74		144 (Half cut cells)	1500	
			PIX MPH 144 515	19.94				
			PIX MPH 144 520	20.13				
			PIX MPH 144 525	20.32				
			PIX MPH 144 530	20.52				
			PIX MPH 144 535	20.71				
			PIX MPH 144 540	20.90				
10	Mono c-Si PERC Module	PIX MPH 144 535 (535Wp)	PIX MPH 144 510	19.74		144 (Half cut cells)	1500	
			PIX MPH 144 515	19.94				
			PIX MPH 144 520	20.13				
			PIX MPH 144 525	20.32				
			PIX MPH 144 530	20.52				
			PIX MPH 144 535	20.71				
			PIX MPH 144 540	20.90				
11	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 144 535 (535Wp)	PIX MBHTB 144 510	19.74		144 (Half cut cells)	1500	
			PIX MBHTB 144 515	19.94				
			PIX MBHTB 144 520	20.13				
			PIX MBHTB 144 525	20.32				
			PIX MBHTB 144 530	20.52				
			PIX MBHTB 144 535	20.71				
			PIX MBHTB 144 540	20.90				
12	Mono c-Si PERC Module	PIX MPH 132 490 (490 Wp)	PIX MPH 132 470	19.74		132 (Half cut cell)	1500	
			PIX MPH 132 475	19.95				
			PIX MPH 132 480	20.16				
			PIX MPH 132 485	20.37				
			PIX MPH 132 490	20.58				
			PIX MPH 132 495	20.79				
			PIX MPH 132 500	21.00				
13	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	PIX MBHTB 132 490 (490 Wp)	PIX MBHTB 132 470	19.74		132 (Half cut cell)	1500	
			PIX MBHTB 132 475	19.95				
			PIX MBHTB 132 480	20.16				
			PIX MBHTB 132 485	20.37				
			PIX MBHTB 132 490	20.58				
			PIX MBHTB 132 495	20.79				
			PIX MBHTB 132 500	21.00				

F. No. 283/54/2018- GRID SOLAR- Part (1)  
भारत सरकार / Government of India  
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy  
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,  
Lodhi Road, New Delhi – 110003  
Dated: 22<sup>nd</sup> March, 2024

To,

M/s. Ganesh Green Bharat Limited  
Survey No. 319/320/321, Tundali,  
Tundali approach road, Behind Honest Restaurant,  
Near Nadasan Flyover, Mehsna-382732, Gujarat, India  
Email id: ge@ghgroup.co.in / accounts@ghgroup.co.in

**Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Ganesh Green Bharat Limited - reg.**

Sir,

This is in reference to the application received from M/s. Ganesh Green Bharat Limited requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Ganesh Green Bharat Limited, Survey No. 319/320/321, Tundali, Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna-382732, Gujarat, India, in respect of 10 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)  
Scientist-E  
Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary / PS to JS (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website

**Appendix-I**

Name of Manufacturer	M/s. Ganesh Green Bharat Limited
Plant Address	Survey No. 319/320/321, Tundali, Tundali approach road, Behind Honest Restaurant, Near Nadasan Flyover, Mehsna-382732, Gujarat, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	69 MW/Year
Applied Capacity	150 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks
1	N-Type TOPCon Module	SGTP144-550 (550Wp)	SGTP144-525	20.32	Registration No.: R-72005886	144 (Half Cut Cells)	1500	Provisionally Enlisted
			SGTP144-530	50.52				
			SGTP144-535	20.71				
			SGTP144-540	20.90				
			SGTP144-545	21.09				
			SGTP144-550	21.29				
			SGTP144-555	21.48				
			SGTP144-560	21.68				
			SGTP144-565	21.87				
			SGTP144-570	22.06				
SGTP144-575	22.26							
2	N-Type TOPCon Module	SGPT132-495 (495Wp)	SGPT132-475	20.00				
			SGPT132-480	20.21				
			SGPT132-485	20.42				
			SGPT132-490	20.63				
			SGPT132-495	20.84				
			SGPT132-500	21.06				
			SGPT132-505	21.27				
			SGPT132-510	21.48				
SGPT132-515	21.69							
3	N-Type TOPCon Module	SGPT120-445 (445Wp)	SGPT120-425	19.63				
			SGPT120-430	19.86				
			SGPT120-435	20.09				
			SGPT120-440	20.32				
			SGPT120-445	20.56				
			SGPT120-450	20.79				
			SGPT120-455	21.02				
			SGPT120-460	21.25				
SGPT120-465	21.48							
4	N-Type TOPCon Module	SGPT108-400 (400Wp)	SGPT108-385	19.71				
			SGPT108-390	19.97				
			SGPT108-395	20.23				
			SGPT108-400	20.48				
			SGPT108-405	20.74				
			SGPT108-410	20.99				
			SGPT108-415	21.25				
SGPT108-420	21.50							
5	Mono c-Si PERC Module	SGMJ144-535 (535Wp)	SGMJ144-520	20.13				
			SGMJ144-525	20.32				
			SGMJ144-530	20.52				
			SGMJ144-535	20.71				
			SGMJ144-540	20.90				
			SGMJ144-545	21.09				
SGMJ144-550	21.29							

*SK*

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks
6	Mono c-Si PERC Module	SGMJ132-455 (455Wp)	SGMJ132-455	19.16		132 (Half Cut Cells)	1500	
7	Mono c-Si PERC Module	SGMJ132-480 (480Wp)	SGMJ132-460	19.37		132 (Half Cut Cells)	1500	
			SGMJ132-465	19.58				
			SGMJ132-470	19.79				
			SGMJ132-475	20.00				
			SGMJ132-480	20.21				
			SGMJ132-485	20.42				
			SGMJ132-490	20.63				
			SGMJ132-495	20.84				
9	Mono c-Si PERC Module	SGMJ120-435 (435Wp)	SGMJ120-415	19.17		120 (Half Cut Cells)	1500	
			SGMJ120-420	19.40				
			SGMJ120-425	19.63				
			SGMJ120-430	19.86				
			SGMJ120-435	20.09				
			SGMJ120-440	20.32				
			SGMJ120-445	20.56				
			SGMJ120-450	20.79				
10	Mono c-Si PERC Module	SGMJ108-385 (385Wp)	SGMJ108-375	19.20		108 (Half Cut Cells)	1500	
			SGMJ108-380	19.46				
			SGMJ108-385	19.71				
			SGMJ108-390	19.97				
			SGMJ108-395	20.23				

*Signature*

F. No. 283/54/2018- GRID SOLAR- Part (1)  
भारत सरकार / Government of India  
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy  
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,  
Lodhi Road, New Delhi - 110003  
Dated: 22<sup>nd</sup> March, 2024

To,

M/s. Pahal Solar  
189, Block No.-71, Opp- Shiv Shakti Estate,  
Olpad Sayan Road, Atodara, Olpad,  
Surat-394540, Gujarat, India  
Email id: paresh@pahalsolar.com

**Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Pahal Solar - reg.**

Sir,

This is in reference to the application received from M/s. Pahal Solar requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. Pahal Solar, 189, Block No.-71, Opp-Shiv Shakti Estate, Olpad Sayan Road, Atodara, Olpad, Surat-394540, Gujarat, India in respect of 14 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)  
Scientist-E  
Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary / PS to JS (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website.



**Appendix-I**

Name of Manufacturer	M/s. Pahal Solar
Plant Address	189, Block No.-71, Opp.-Shiv Shakti Estate, Olpad Sayan Road, Atodara, Olpad, Surat-394540, Gujarat
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	215 MW/Year
Applied Capacity	250 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks
1	Bifacial N-type TOPCon Modules	PSN_155 (155Wp)	PSN_150	19.90	Registration No.: R-72001848	40 (Half Cut Cells)	1500	Provisionally Enlisted
			PSN_155	20.56				
			PSN_160	21.22				
2	Bifacial N-type TOPCon Modules	PSN_210 (210Wp)	PSN_200	19.28				
			PSN_205	19.76				
			PSN_210	20.24				
			PSN_215	20.72				
			PSN_220	21.21				
3	Bifacial N-type TOPCon Modules	PSN_255 (255Wp)	PSN_245	20.79				
			PSN_250	21.22				
			PSN_255	21.64				
			PSN_260	22.06				
			PSN_265	22.49				
4	Bifacial N-type TOPCon Modules	PSN_280 (280Wp)	PSN_270	20.38				
			PSN_275	20.76				
			PSN_280	21.13				
			PSN_285	21.51				
5	Bifacial N-type TOPCon Modules	PSN_305 (305Wp)	PSN_290	21.89				
			PSN_295	20.18				
			PSN_300	20.52				
			PSN_305	20.86				
			PSN_310	21.21				
6	Bifacial N-type TOPCon Modules	PSN_335 (335Wp)	PSN_315	21.55				
			PSN_320	20.87				
			PSN_325	21.19				
			PSN_330	21.52				
			PSN_335	21.85				
7	Bifacial N-type TOPCon Modules	PSN_360 (360Wp)	PSN_340	22.17				
			PSN_345	22.50				
			PSN_350	20.06				
			PSN_355	20.35				
8	Bifacial N-type TOPCon Modules	PSN_380 (380Wp)	PSN_360	20.64				
			PSN_365	20.92				
			PSN_370	21.21				
			PSN_375	21.50				
9	Bifacial N-type TOPCon Modules	PSN_410 (410Wp)	PSN_380	21.78				
			PSN_385	22.07				
			PSN_390	22.36				
			PSN_400	20.48				
			PSN_405	20.74				
			PSN_410	20.99				
			PSN_415	21.25				
			PSN_420	21.50				

*Signature*

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks
10	Bifacial N-type TOPCon Modules	PSN_435 (435Wp)	PSN_425	21.76		108 (Half Cut Cells)	1500	
			PSN_430	22.02				
			PSN_435	22.27				
			PSN_440	22.53				
			PSN_445	22.78				
11	Bifacial N-type TOPCon Modules	PSN_480 (480Wp)	PSN_450	23.04				
			PSN_460	21.26				
			PSN_465	21.49				
			PSN_470	21.72				
			PSN_475	21.95				
			PSN_480	22.18				
			PSN_485	22.41				
12	Bifacial N-type TOPCon Modules	PSN_520 (520Wp)	PSN_490	22.64				
			PSN_495	22.87				
			PSN_500	21.07				
			PSN_505	21.28				
			PSN_510	21.49				
			PSN_515	21.7				
13	Bifacial N-type TOPCon Modules	PSN_560 (560Wp)	PSN_520	21.91				
			PSN_525	22.13				
			PSN_530	22.34				
			PSN_535	20.71				
			PSN_540	20.90				
			PSN_545	21.09				
			PSN_550	21.29				
			PSN_555	21.48				
			PSN_560	21.67				
			PSN_565	21.87				
14	Bifacial N-type TOPCon Modules	PSN_610 (610Wp)	PSN_570	22.06				
			PSN_575	22.25				
			PSN_580	22.45				
			PSN_585	20.91				
			PSN_590	21.09				
			PSN_595	21.27				
			PSN_600	21.45				
			PSN_605	21.63				
			PSN_610	21.81				
			PSN_615	21.99				
PSN_620	22.17							
PSN_625	22.34							
			PSN_630	22.52				

SD

F. No. 283/54/2018- GRID SOLAR- Part (1)  
भारत सरकार / Government of India  
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy  
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,  
Lodhi Road, New Delhi - 110003  
Dated: 22<sup>nd</sup> March, 2024

To,

M/s. Credence Solar Panels Private Limited,  
Plot No. 18 & 19, Survey No. 142/2,  
Rajkot-Jamnagar Highway, Padadhari,  
Rajkot, Gujarat, India-360110  
Email id: operations@credencesolar.com

**Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Credence Solar Panels Private Limited- reg.**

Sir,

This is in reference to the application received from M/s. Credence Solar Panels Private Limited requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s. Credence Solar Panels Private Limited, Plot No. 18 & 19, Survey No. 142/2, Rajkot-Jamnagar Highway, Padadhari, Rajkot, Gujarat, India - 360110 in respect of 05 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)  
Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary / PS to JS (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website.

**Appendix-I**

Name of Manufacturer	M/s. Credence Solar Panels Private Limited
Plant Address	Plot No. 18 & 19, Survey No. 142/2, Rajkot-Jamnagar Highway, Padadhari, Rajkot, Gujarat, India-360110
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	125 MW/Year
Applied Capacity	125 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks
1	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB670-132 (670 Wp)	CS-QB655-132	21.08	Registration No.: R-72006165	132 (Half Cut Cells)	1500	Provisionally Enlisted
			CS-QB660-132	21.25				
			CS-QB665-132	21.41				
			CS-QB670-132	21.57				
			CS-QB675-132	21.73				
			CS-QB680-132	21.89				
			CS-QB685-132	22.05				
2	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB610-120 (610 Wp)	CS-QB595-120	21.01				
			CS-QB600-120	21.20				
			CS-QB605-120	21.37				
			CS-QB610-120	21.54				
			CS-QB615-120	21.72				
3	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-QB560-110 (560 Wp)	CS-QB620-120	21.90				
			CS-QB545-110	20.86				
			CS-QB550-110	21.05				
			CS-QB555-110	21.24				
			CS-QB560-110	21.43				
4	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-HB570-156 (570 Wp)	CS-QB565-110	21.62				
			CS-QB570-110	21.81				
			CS-HB545-156	19.66				
			CS-HB550-156	19.84				
			CS-HB555-156	20.02				
			CS-HB560-156	20.20				
			CS-HB565-156	20.38				
			CS-HB570-156	20.56				
			CS-HB575-156	20.74				
5	Bifacial Mono c-Si PERC Module (Glass to Glass)	CS-HB530-144 (530 Wp)	CS-HB580-156	20.92				
			CS-HB585-156	21.10				
			CS-HB590-156	21.28				
			CS-HB595-156	21.46				
			CS-HB505-144	19.70				
			CS-HB510-144	19.89				
			CS-HB515-144	20.09				
			CS-HB520-144	20.28				
			CS-HB525-144	20.47				
			CS-HB530-144	20.67				
CS-HB535-144	20.87							
CS-HB540-144	21.06							
CS-HB545-144	21.26							
CS-HB550-144	21.45							

*SDH*

F. No. 283/54/2018- GRID SOLAR- Part (1)  
भारत सरकार / Government of India  
नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy  
ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,  
Lodhi Road, New Delhi - 110003  
Dated: 10<sup>th</sup> April, 2024

To,

M/s. Saatvik Green Energy Pvt. Ltd.  
Village-Dubli, Tehsil-Barara,  
District: Ambala-133101, Haryana, India.  
Email id: pushpendra@saatvikgroup.com

**Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Saatvik Green Energy Pvt. Ltd. - reg.**

Sir,

This is in reference to the application received from M/s. Saatvik Green Energy Pvt. Ltd. requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Saatvik Green Energy Pvt. Ltd., Village-Dubli, Tehsil-Barara, District-Ambala-133101, Haryana, India, in respect of 05 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)  
Scientist-E

Email: karndhar.sg@nic.in

Copy to: Director General, National Institute of Solar Energy (NISE).

Copy for internal circulation to: PS to Secretary / PS to JS (DDJ)

Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.

**Appendix-I**

Name of Manufacturer	M/s. Saatvik Green Energy Pvt. Ltd.
Plant Address	Village- Dubli, Tehsil-Barara, District- Ambala-133101, Haryana
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	566 MW/Year
Applied Capacity	2500 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage in Volt	Remarks
1	Bifacial N Type TOPCon Module	SGE425-108TGG (425 Wp)	SGE410-108TGG	20.97	Registration No.: R-91003670	108 (Half Cut Cells)	1500	Provisionally Enlisted
			SGE415-108TGG	21.22				
			SGE420-108TGG	21.48				
			SGE425-108TGG	21.74				
			SGE430-108TGG	21.99				
			SGE435-108TGG	22.25				
			SGE440-108TGG	22.51				
2	Bifacial N Type TOPCon Module	SGE475-120TGG (475 Wp)	SGE460-120TGG	21.21				
			SGE465-120TGG	21.46				
			SGE470-120TGG	21.68				
			SGE475-120TGG	21.91				
			SGE480-120TGG	22.14				
			SGE485-120TGG	22.37				
3	Bifacial N Type TOPCon Module	SGE520-132TGG (520 Wp)	SGE510-132TGG	21.46				
			SGE515-132TGG	21.67				
			SGE520-132TGG	21.88				
			SGE525-132TGG	22.09				
			SGE530-132TGG	22.30				
4	Bifacial N Type TOPCon Module	SGE575-144TGG (575 Wp)	SGE535-132TGG	22.51				
			SGE560-144TGG	21.68				
			SGE565-144TGG	21.87				
			SGE570-144TGG	22.06				
			SGE575-144TGG	22.26				
			SGE580-144TGG	22.45				
5	Bifacial N Type TOPCon Module	SGE615-156TGG (615 Wp)	SGE585-144TGG	22.64				
			SGE590-144TGG	22.84				
			SGE600-156TGG	21.47				
			SGE605-156TGG	21.65				
			SGE610-156TGG	21.83				
			SGE615-156TGG	22.01				
			SGE620-156TGG	22.19				
			SGE625-156TGG	22.37				

*RA*

F. No. 283/54/2018- GRID SOLAR- Part (1)

भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,  
Lodhi Road, New Delhi – 110003

Dated: 29<sup>th</sup> April, 2024

To,

**M/s. Emmvee Photovoltaic Power Pvt. Ltd.**

Sy. No. 66-70/3, Pemmanahalli Village,  
Sompura Hobli, Dabaspet,  
Nelamangala Taluk, Bengaluru Rural District,  
Karnataka, India.  
Email id: info@emmvee.in

**Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Emmvee Photovoltaic Power Pvt. Ltd.– reg.**

Sir,

This is in reference to the application received from **M/s. Emmvee Photovoltaic Power Pvt. Ltd.** requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to **M/s Emmvee Photovoltaic Power Pvt. Ltd.**, Sy. No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspet, Nelamangala Taluk, Bengaluru Rural District, Karnataka, India, in respect of 10 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)  
Scientist-E

Email: karndhar.sg@nic.in

**Copy to:** Director General, National Institute of Solar Energy (NISE).

**Copy for internal circulation to:** PS to Secretary / PS to JS (DDJ)

**Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website**

**Appendix-I**

Name of Manufacturer	M/s. Emmvee Photovoltaic Power Pvt. Ltd.
Plant Address	Sy. No. 66-70/3, Pemmanahalli Village, Sompura Hobli, Dabaspet, Nelamangala Taluk, Bengaluru Rural District, Karnataka
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	671 MW/Year
Applied Capacity	671 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage (V)	Remarks
1	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	E525HC BT144 (525 Wp)	E550HCBT144	21.29	Registration No.: R-62002976	144 (Half Cut Cells)	1500	Provision-ally Enlisted
			E545HCBT144	21.10				
			E540HCBT144	20.90				
			E535HCBT144	20.71				
			E530HCBT144	20.52				
			E525HCBT144	20.32				
			E520HCBT144	20.13				
			E515HCBT144	19.94				
			E510HCBT144	19.74				
			E505HCBT144	19.55				
E500HCBT144	19.35							
2	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	E495HC BT144 (495 Wp)	E495HCBT144	19.16		144 (Half Cut Cells)	1500	
3	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	E490HC BT132 (490 Wp)	E500HCBT132	21.03		132 (Half Cut Cells)	1500	
			E495HCBT132	20.81				
			E490HCBT132	20.60				
			E485HCBT132	20.39				
4	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	E430HC BT120 (430 Wp)	E480HCBT132	20.18		120 (Half Cut Cells)	1500	
			E450HCBT120	20.74				
			E445HCBT120	20.51				
			E440HCBT120	20.28				
			E435HCBT120	20.05				
			E430HCBT120	19.82				
5	Bifacial Mono c-Si PERC Modules (Glass to Transparent)	E395HC BT108 (395 Wp)	E425HCBT120	19.59		108 (Half Cut Cells)	1500	
			E420HCBT120	19.36				
			E405HCBT108	20.76				
			E400HCBT108	20.51				
			E395HCBT108	20.25				
6	Bifacial N-Type TOPCon Modules (Glass to Glass)	E555HC BG144-T (555 Wp)	E390HCBT108	19.99		144 (Half Cut Cells)	1500	
			E385HCBT108	19.74				
			E580HCBG144-T	22.45				
			E575HCBG144-T	22.26				
			E570HCBG144-T	22.06				
			E565HCBG144-T	21.87				
			E560HCBG144-T	21.68				
			E555HCBG144-T	21.48				



S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage (V)	Remarks	
			E550HCBG144-T	21.29	Registratio n No.: R- 62002976				
			E545HCBG144-T	21.10					
			E540HCBG144-T	20.90					
			E535HCBG144-T	20.71					
			E530HCBG144-T	20.52					
7	Bifacial N-Type TOPCon Modules (Glass to Glass)	E525HCBG144-T (525 Wp)	E525HCBG144-T	20.32			144 (Half Cut Cells)	1500	
8	Bifacial N-Type TOPCon Modules (Glass to Glass)	E505HCBG132-T (505 Wp)	E530HCBG132-T	22.29			132 (Half Cut Cells)	1500	
			E525HCBG132-T	22.08					
			E520HCBG132-T	21.87					
			E515HCBG132-T	21.66					
			E510HCBG132-T	21.45					
			E505HCBG132-T	21.24					
			E500HCBG132-T	21.03					
			E495HCBG132-T	20.81					
			E490HCBG132-T	20.60					
			E485HCBG132-T	20.39					
9	Bifacial N-Type TOPCon Modules (Glass to Glass)	E460HCBG120-T (460 Wp)	E480HCBG120-T	22.13			120 (Half Cut Cells)	1500	
			E475HCBG120-T	21.90					
			E470HCBG120-T	21.66					
			E465HCBG120-T	21.43					
			E460HCBG120-T	21.20					
			E455HCBG120-T	20.97					
			E450HCBG120-T	20.74					
			E445HCBG120-T	20.51					
			E440HCBG120-T	20.28					
10	Bifacial N-Type TOPCon Modules (Glass to Glass)	E415HCBG108-T (415 Wp)	E435HCBG108-T	22.30		108 (Half Cut Cells)	1500		
			E430HCBG108-T	22.04					
			E425HCBG108-T	21.79					
			E420HCBG108-T	21.53					
			E415HCBG108-T	21.28					
			E410HCBG108-T	21.02					
			E405HCBG108-T	20.76					
			E400HCBG108-T	20.51					
			E395HCBG108-T	20.25					

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भारत सरकार / Government of India

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy

ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division

Atal Akshay Urja Bhawan,  
Lodhi Road, New Delhi – 110003

Dated: 29<sup>th</sup> April, 2024

To,

**M/s. Tata Power Solar Systems Limited**

Sy. No. 43P and 44(P), Electronic City,

2<sup>nd</sup> Stage, Consisting Hosur Road,

Bangalore-560100,

Karnataka, India.

Email id: mdparan@tatapowersolar.com

**Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. Tata Power Solar Systems Limited– reg.**

Sir,

This is in reference to the application received from **M/s. Tata Power Solar Systems Limited** requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to M/s Tata Power Solar Systems Limited, Sy. No. 43P and 44(P), Electronic City, 2<sup>nd</sup> Stage, Consisting Hosur Road, Bangalore-560100, Karnataka, India, in respect of 07 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)

Scientist-E

Email: karndhar.sg@nic.in

**Copy to:** Director General, National Institute of Solar Energy (NISE).

**Copy for internal circulation to:** PS to Secretary / PS to JS (DDJ)

**Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.**

**Appendix-I**

Name of Manufacturer	M/s. Tata Power Solar Systems Limited
Plant Address	Sy No. 43P and 44(P), Electronic City, 2 <sup>nd</sup> Stage, Consisting Hosur Road, Bangalore-560100, Karnataka, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	499 MW/Year
Applied Capacity	499 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/ No)	No. of Cells in Module	System Voltage (V)	Remarks
1	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP480VG1 0TB (480 Wp)	TP460VG10TB	19.19	Registration No.: R-62001090	132 (Half Cut Cells)	1500	
			TP465VG10TB	19.40				
			TP470VG10TB	19.60				
			TP475VG10TB	19.81				
			TP480VG10TB	20.02				
			TP485VG10TB	20.23				
			TP490VG10TB	20.44				
			TP495VG10TB	20.65				
			TP500VG10TB	20.86				
2	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP435MG1 0TB (435 Wp)	TP420MG10TB	19.21	Registration No.: R-62001090	120 (Half Cut Cells)	1500	Provision-ally Enlisted
			TP425MG10TB	19.44				
			TP430MG10TB	19.67				
			TP435MG10TB	19.90				
			TP440MG10TB	20.12				
			TP445MG10TB	20.35				
			TP450MG10TB	20.58				
			TP455MG10TB	20.81				
3	Bifacial Mono c-Si PERC Module (Glass to Transparent Backsheet)	TP530HG1 0TB (530 Wp)	TP505HG10TB	19.59	Registration No.: R-62001090	144 (Half Cut Cells)	1500	
			TP510HG10TB	19.78				
			TP515HG10TB	19.98				
			TP520HG10TB	20.17				
			TP525HG10TB	20.37				
			TP530HG10TB	20.56				
			TP535HG10TB	20.75				
			TP540HG10TB	20.95				
			TP545HG10TB	21.14				
			TP550HG10TB	21.34				
4			TP555LG10B	19.93			1500	

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/ No)	No. of Cells in Module	System Voltage (V)	Remarks
	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP570LG10B (570 Wp)	TP560LG10B	20.11	Registration No.: R-62001090	156 (Half Cut Cells)		
			TP565LG10B	20.29				
			TP570LG10B	20.47				
			TP575LG10B	20.64				
			TP580LG10B	20.82				
			TP585LG10B	21.00				
			TP590LG10B	21.18				
			TP595LG10B	21.36				
5	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP530HG10B (530 Wp)	TP505HG10B	19.59				
			TP510HG10B	19.78				
			TP515HG10B	19.98				
			TP520HG10B	20.17				
			TP525HG10B	20.37				
			TP530HG10B	20.56				
			TP535HG10B	20.75				
			TP540HG10B	20.95				
			TP545HG10B	21.14				
			TP550HG10B	21.34				
6	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP480VG10B (480 Wp)	TP460VG10B	19.19				
			TP465VG10B	19.40				
			TP470VG10B	19.60				
			TP475VG10B	19.81				
			TP480VG10B	20.02				
			TP485VG10B	20.23				
			TP490VG10B	20.44				
			TP495VG10B	20.65				
			TP500VG10B	20.86				
7	Bifacial Mono c-Si PERC Module (Glass to Glass Backsheet)	TP435MG10B (435 Wp)	TP420MG10B	19.21				
			TP425MG10B	19.44				
			TP430MG10B	19.67				
			TP435MG10B	19.90				
			TP440MG10B	20.12				
			TP445MG10B	20.35				
			TP450MG10B	20.58				



**F. No. 283/54/2018- GRID SOLAR- Part (1)**  
**भारत सरकार / Government of India**  
**नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy**  
**ग्रिड सौर ऊर्जा प्रभाग / Grid Solar Power Division**

Atal Akshay Urja Bhawan,  
Lodhi Road, New Delhi – 110003

Dated: 29<sup>th</sup> April, 2024

To

**M/s. SASA Energy LLP**  
S.No. 193, Nichi Mandal, Morbi-Halvad Road,  
Opp. Dargah, Morbi-363641,  
Gujarat, India  
Email id: sasaenrgyllp@gmail.com

**Sub: Provisional ALMM enlistment of Additional Solar PV Module Models of M/s. SASA Energy LLP– reg.**

Sir,

This is in reference to the application received from **M/s. SASA Energy LLP** requesting for provisional enlistment of its additional models in ALMM List-I.

2. In this regard, the undersigned is directed to convey that in accordance with MNRE's O.M. No. 283/22/2023-GRID SOLAR/Pt. dated 10.05.2023, provisional enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, is hereby granted to **M/s. SASA Energy LLP**, S. No. 193, Nichi Mandal, Morbi-Halvad Road, Opp. Dargah, Morbi-363641, Gujarat, India, in respect of 10 additional solar PV module models as mentioned in Appendix-I. The final enlistment in ALMM will be done subsequently, subject to the applicant fulfilling the conditions/ provisions mentioned in the ALMM Order / Guidelines or any other instructions issued / conveyed to the applicant and the scrutiny by the Government.

3. Neither Ministry of New & Renewable Energy (MNRE), Government of India and National Institute of Solar Energy (NISE), nor any of their officers, employees, representatives shall be liable for any loss, liability, damage or expense arising out of or in connection with the Solar PV Module Models which have been granted Provisional Enlistment in MNRE's Approved List of Models and Manufacturers (ALMM) List-I, but fail to get Final enlistment in MNRE's ALMM List-I.

4. This is being issued with the approval of competent authority.

Yours faithfully,



(Sanjay G. Karndhar)  
Scientist-E  
Email: karndhar.sg@nic.in

**Copy to:** Director General, National Institute of Solar Energy (NISE).

**Copy for internal circulation to:** PS to Secretary / PS to JS (DDJ)

**Copy to NIC, MNRE, for uploading on MNRE's Website as additional page(s) to the ALMM List-I hosted on MNRE's website.**

**Appendix-I**

Name of Manufacturer	M/s. SASA Energy LLP
Plant Address	S. No. 193, Nichi Mandal, Morbi-Halvad Road, Opp. Dargah, Morbi-363641, Gujarat, India
Whether Manufacturer already enlisted in ALMM	Yes
Already Enlisted Capacity	91 MW/Year
Applied Capacity	110 MW/Year
Application Type	Model Addition

Details of Additional Models:

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage (V)	Remarks
1	Mono c-Si PERC Module	SASA265C-72 (265 Wp)	SASA255C-72	19.06	Registration No.: R-72005681	72 (Half cut Cells)	1500	Provisionally Enlisted
			SASA260C-72	19.43				
			SASA265C-72	19.80				
			SASA270C-72	20.18				
			SASA275C-72	20.55				
2	Mono c-Si PERC Module	SASA350C-96 (350 Wp)	SASA335C-96	19.06				
			SASA340C-96	19.34				
			SASA345C-96	19.63				
			SASA350C-96	19.91				
			SASA355C-96	20.20				
			SASA360C-96	20.48				
3	Mono c-Si PERC Module	SASA395C-108 (395 Wp)	SASA365C-96	20.76				
			SASA375C-108	19.11				
			SASA380C-108	19.37				
			SASA385C-108	19.62				
			SASA390C-108	19.88				
			SASA395C-108	20.13				
			SASA400C-108	20.39				
			SASA405C-108	20.64				
4	Mono c-Si PERC Module	SASA435C-120 (435 Wp)	SASA410C-108	20.90				
			SASA415C-120	19.11				
			SASA420C-120	19.34				
			SASA425C-120	19.57				
			SASA430C-120	19.80				
SASA435C-120	20.03							

S. No.	Type of Module	Applied Model	Enlisted Models	Module Efficiency (%)	BIS granted (Yes/No)	No. of Cells in Module	System Voltage (V)	Remarks
5	Mono c-Si PERC Module	SASA480C-132 (480 Wp)	SASA440C-120	20.26	Registration No.: R-72005681	132 (Half Cut Cells)	1500	
			SASA445C-120	20.49				
			SASA450C-120	20.72				
			SASA455C-120	20.95				
		SASA525C-144 (525 Wp)	SASA460C-132	19.41				
			SASA465C-132	19.62				
			SASA470C-132	19.83				
			SASA475C-132	20.04				
			SASA480C-132	20.25				
			SASA485C-132	20.46				
			SASA490C-132	20.67				
			SASA495C-132	20.88				
SASA500C-132	21.10							
6	Mono c-Si PERC Module	SASA525C-144 (525 Wp)	SASA500C-144	19.35	144 (Half Cut Cells)	1500		
			SASA505C-144	19.55				
			SASA510C-144	19.74				
			SASA515C-144	19.94				
			SASA520C-144	20.13				
			SASA525C-144	20.32				
			SASA530C-144	20.52				
			SASA535C-144	20.71				
			SASA540C-144	20.90				
			SASA545C-144	21.09				
			SASA550C-144	21.29				