

M10 HALF CELL MONO **455W-470W**

120 CELL

M10 MBB MONO PERC

21.74%

MAXIMUM EFFICIENCY

0 to +3W

POSITIVE POWER TOLERANCE



Higher Output of Power



For Environment For Future



Optimize the Temperature Coefficient



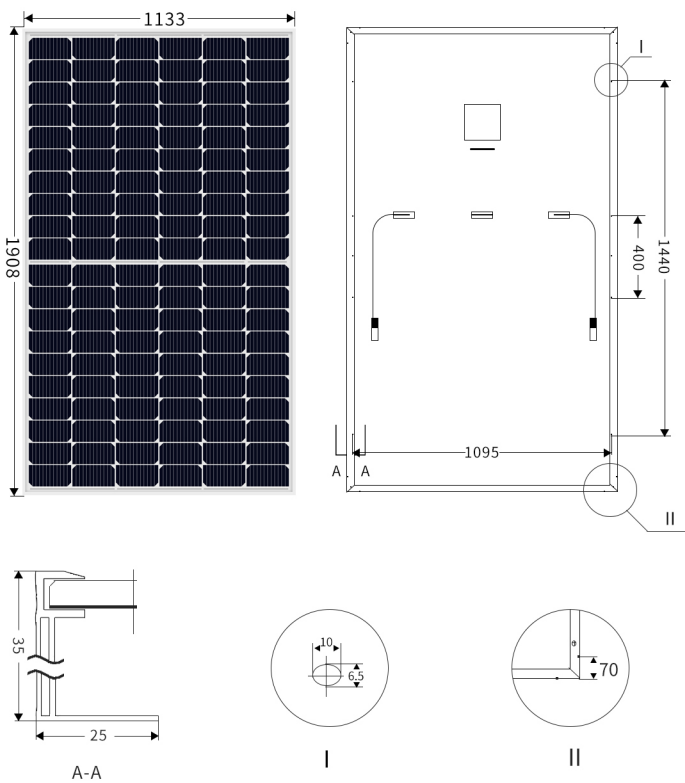
Reduce Equipment & Material Cost



Module Type		PW-60M455HM10		PW-60M460HM10		PW-60M465HM10		PW-60M470HM10	
		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power	$P_{MAX}(W)$	455	338.62	460	342.34	465	346.06	470	349.78
Maximum Power Voltage	$V_{MPP}(V)$	34.36	31.98	34.41	32.03	34.46	32.08	34.51	32.13
Maximum Power Current	$I_{MPP}(A)$	13.26	10.59	13.39	10.69	13.52	10.79	13.65	10.89
Open Circuit Voltage	$V_{OC}(V)$	41.62	39.3	41.68	39.36	41.74	39.42	41.8	39.48
Short Circuit Current	$I_{SC}(A)$	13.97	11.27	14.11	11.38	14.25	11.49	14.39	11.6
Tolerance	(W)	0 - +3		0 - +3		0 - +3		0 - +3	
Module Efficiency	(%)	21.05		21.28		21.51		21.74	

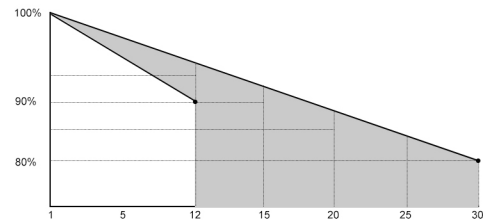
STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3. Average efficiency reduction of 4.5% at 200W/m² according to EN 60904-1
 NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

DIMENSIONS OF PV MODULE



LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty 30 Year Linear Power Warranty



TEMPERATURE RATINGS

Nominal Operating Cell Temperature(NOCT)	45±2°C
Temperature Coefficient of P_{MAX}	-0.348%/°C
Temperature Coefficient of V_{OC}	-0.282%/°C
Temperature Coefficient of I_{SC}	+0.05%/°C

MAXIMUM RATING

Operational Temperature	-40 to +85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	25A
Mechanical Load	5400pa
Wind Load	2400pa

MECHANICAL DATA

Solar Cells	MBB Mono PERC 182x91mm
Cell Orientation	120 Cells (6 x 20)
Module Dimensions	1908 x 1133 x 35mm
Weight	24kg
Glass	3.2mm Low-iron Tempered Suede Glass
Backsheet	White
Frame	Silver Anodized Aluminium Alloy(Black Available)
J-Box	IP 68 Rated
Cables	Photovoltaic Technology Cable 4.0mm ² , 350mm
Connector	EVO2 or EVO2 Compatible
PACKAGING CONFIGURATION	Modules per Box: 31 Pieces Modules per 40' Container: 744 Pieces

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