CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

ENERGY DIRECTORATE

TYPE TESTED INVERTERS/EQUIPMENT IN TERMS OF NRS 097-2-1

12 December 2023

Make	Model	Inverter / Equipment type	Test House	Certificate date	Certificate valid until	Report number	Certificate Compliance number	NRS 097-2-1: 2017 Ed2 Certification	NRS 097-2-1: 2017 Ed 2.1 Certification	Comments
ABB	TRIO-TM-50.0-400	Grid-tied PV inverter	TUV Rheinland	2019/07/15		28110633 031	AK 60141064 0001	Yes		Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
ABB	PVS - 50 - TL	Grid-tied PV inverter	TUV Rheinland	2020/01/22		28111830 029	AK 60146346 0001	Yes		Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
ABB	PVS - 50 - TL - S	Grid-tied PV inverter	TUV Rheinland	2020/01/22		28111830 029	AK 60146346 0001	Yes		
ABB	PVS - 50 - TL - SX	Grid-tied PV inverter	TUV Rheinland	2020/01/22		28111830 029	AK 60146346 0001	Yes		
ABB	PVS - 50 - TL - SX2	Grid-tied PV inverter	TUV Rheinland	2020/01/22		28111830 029	AK 60146346 0001	Yes		
ABB	PVS-100-TL	Grid-tied PV inverter	TUV Rheinland	2019/11/29		28110923 035	AK 60144898 0001	Yes		Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
ABB	REACT2-UNO-3.6-TL	Grid-tied PV inverter	TUV Rheinland	2018/11/07		28111587 003	AK 60134062 0001	Yes		A maximum of three REACT2 -BATT may be used in combination with this inverter unit
ABB	REACT2-UNO-5.0-TL	Grid-tied PV inverter	TUV Rheinland	2018/11/07		28111587 003	AK 60134062 0001	Yes		
ABB	CM-UFD.M31M and CM-UFD.M31	Network & system relay	TÜV SÜD	2022/10/28		713200958-000	ESY 0442540043 Rev.00	No	No	Network and system grid protection voltage and frequency relay only in accordance with VDE-AR-N 4105:2018. Must be programmed ito NRS 097-2-1 or the applicable South African Grid Codes and may only be used in conjunction with approved NRS 097-2-1 type tested inverters on this list.
Afore	HNS3000HS	Hybrid PV inverter grid-tied	Dekra	2020/09/17		6076139.50	6076139.01AOC		Yes	
Afore	HNS3600HS	Hybrid PV inverter grid-tied	Dekra	2020/09/17		6076139.50	6076139.01AOC		Yes	
Afore	HNS4000HS	Hybrid PV inverter grid-tied	Dekra	2020/09/17		6076139.50	6076139.01AOC		Yes	
Afore	HNS4600HS	Hybrid PV inverter grid-tied	Dekra	2020/09/17		6076139.50	6076139.01AOC		Yes	
Afore	HNS5000HS	Hybrid PV inverter grid-tied	Dekra	2020/09/17		6076139.50	6076139.01AOC		Yes	
Afore	HNS5500HS	Hybrid PV inverter grid-tied	Dekra	2020/09/17		6076139.50	6076139.01AOC		Yes	
Afore	HNS6000HS	Hybrid PV inverter grid-tied	Dekra	2020/09/17		6076139.50	6076139.01AOC		Yes	
Afore	HNS3000HS-HV	Hybrid PV inverter grid-tied	Dekra	2020/09/18		6076141.50	6076141.01AOC V1.1		Yes	
Afore	HNS3600HS-HV	Hybrid PV inverter grid-tied	Dekra	2020/09/18		6076141.50	6076141.01AOC V1.1		Yes	
Afore	HNS4000HS-HV	Hybrid PV inverter grid-tied	Dekra	2020/09/18		6076141.50	6076141.01AOC V1.1		Yes	
Afore	HNS4600HS-HV	Hybrid PV inverter grid-tied	Dekra	2020/09/18		6076141.50	6076141.01AOC V1.1		Yes	
Afore	HNS5000HS-HV	Hybrid PV inverter grid-tied	Dekra	2020/09/18		6076141.50	6076141.01AOC V1.1		Yes	
Afore	HNS5500HS-HV	Hybrid PV inverter grid-tied	Dekra	2020/09/18		6076141.50	6076141.01AOC V1.1		Yes	
Afore	HNS6000HS-HV	Hybrid PV inverter grid-tied	Dekra	2020/09/18		6076141.50	6076141.01AOC V1.1		Yes	
Afore	AF3K-SL	Hybrid PV inverter grid-tied	Dekra	2021/03/10		6098057.50	6098057.01AOC		Yes	
Afore	AF3.6K-SL	Hybrid PV inverter grid-tied	Dekra	2021/03/10		6098057.50	6098057.01AOC		Yes	
Afore	AF4K-SL	Hybrid PV inverter grid-tied	Dekra	2021/03/10		6098057.50	6098057.01AOC		Yes	
Afore	AF4.6K-SL	Hybrid PV inverter grid-tied	Dekra	2021/03/10		6098057.50	6098057.01AOC		Yes	
Afore	AF5K-SL	Hybrid PV inverter grid-tied	Dekra	2021/03/10		6098057.50	6098057.01AOC		Yes	
Afore	AF5.5K-SL	Hybrid PV inverter grid-tied	Dekra	2021/03/10		6098057.50	6098057.01AOC		Yes	
Afore	AF6K-SL	Hybrid PV inverter grid-tied	Dekra	2021/03/10		6098057.50	6098057.01AOC		Yes	
Afore	AF3K-TH	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF4K-TH	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF5K-TH	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF6K-TH	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF8K-TH	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF10K-TH	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF12K-TH	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF15K-TH	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF17K-TH	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF20K-TH	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF25K-TH	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF30K-TH	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF3K-THP	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF4K-THP	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF5K-THP	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF6K-THP	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF8K-THP	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF10K-THP	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF12K-THP	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Alpha	SMILE5-INV	Hybrid PV inverter grid-tied	Bureau Veritas	2019/03/22		ABYD-19JA1440FCSHP	U19-0178	Yes		
Alpha	Storion-SMILE-B3	Battery based inverter grid-tied	Bureau Veritas	2020/08/19		ABYD-ESH-P20071636	U20--0680	Yes		
Aotai	AEP- 3KS48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/10		CN23J83J 001	AK 50597657 0001		Yes	
Aotai	AEP- 4KS48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/11		CN23J83J 001	AK 50597657 0001		Yes	
Aotai	AEP- 5KS48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/12		CN23J83J 001	AK 50597657 0001		Yes	
Aotai	AEP- 6KS48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/13		CN23J83J 001	AK 50597657 0001		Yes	
Aotai	AEP- 3K6S48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/14		CN23J83J 001	AK 50597657 0001		Yes	
Aotai	AEP- 4K6S48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/15		CN23J83J 001	AK 50597657 0001		Yes	
Apex	FG-H2-00 H20P100	Solar water geyser switch	Test Africa	2023/10/11	2026/10/06	WCT 23/0848	NRCS RCC 2310107	N/A	N/A	Solar geyser switch system only
Atess	HPS 30	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/10/09		BL-DG2080269-B01	BL-DG2080269D01	Yes		The maximum DC voltage is depended on PV array and may not exceed 820 V as declared by the inverter manufacturer.
Atess	HPS 50	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/10/09		BL-DG2080269-B01	BL-DG2080269D01	Yes		The maximum DC voltage is depended on PV array and may not exceed 820 V as declared by the inverter manufacturer.
Atess	HPS100	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/10/09		BL-DG2080269-B02	BL-DG2080269D02	Yes		The maximum DC voltage is depended on PV array and may not exceed 820 V as declared by the inverter manufacturer.
Atess	HPS120	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/10/09		BL-DG2080269-B02	BL-DG2080269D02	Yes		The maximum DC voltage is depended on PV array and may not exceed 820 V as declared by the inverter manufacturer.
Atess	HPS150	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/10/09		BL-DG2080269-B02	BL-DG2080269D02	Yes		The maximum DC voltage is depended on PV array and may not exceed 820 V as declared by the inverter manufacturer.
Atess	PCS100	Battery based inverter grid-tied	Dongguan Balun	2023/08/11		BL-DG2150442-B01 (G1)	BL-DG2150442D02		Yes	Models PCS 100 and PCS 250 have built-in isolation transformers.
Atess	PCS250	Battery based inverter grid-tied	Dongguan Balun	2023/08/11		BL-DG2150442-B01 (G1)	BL-DG2150442D02		Yes	Models PCS 100 and PCS 250 have built-in isolation transformers.
Atess	PCS500	Battery based inverter grid-tied	Dongguan Balun	2023/08/11		BL-DG2150442-B01 (G1)	BL-DG2150442D02		Yes	Models PCS 500 and PCS 630 must have external isolation transformers in final installation.
Atess	PCS630	Battery based inverter grid-tied	Dongguan Balun	2023/08/11		BL-DG2150442-B01 (G1)	BL-DG2150442D02		Yes	Models PCS 500 and PCS 630 must have external isolation transformers in final installation.
Blue Mountain Energy	BME-3P-WP-12 TWIN	Hybrid PV inverter grid-tied	Huachuang Technology	2023/03/20		23110JHA009-EG-ZA-002	23110JHA009-EG-ZA-C002		Yes	

Blue Mountain Energy	BME-3P-WP-15 TWIN	Hybrid PV inverter grid-tied	Huachuang Technology	2023/03/20		23110JHA009-EG-ZA-002	23110JHA009-EG-ZA-C002		Yes	
Bluesun	BMPS30	Hybrid PV inverter grid-tied	TÜV NORD	2023/08/29		BL-DG2380718-201	COCPVP06004/23B-01		Yes	
Bluesun	BMPS50	Hybrid PV inverter grid-tied	TÜV NORD	2023/08/29		BL-DG2380718-201	COCPVP06004/23B-01		Yes	
Bluesun	BMPS100	Hybrid PV inverter grid-tied	TÜV NORD	2023/08/29		BL-DG2380718-201	COCPVP06004/23B-01		Yes	
Bluesun	BMPS150	Hybrid PV inverter grid-tied	TÜV NORD	2023/08/29		BL-DG2380718-201	COCPVP06004/23B-01		Yes	
Bluesun	BMPS250	Hybrid PV inverter grid-tied	TÜV Rheinland Group	2023/09/18		CN229F6J 004	AK 50599810 0001		Yes	
Bluesun	BMPS500	Hybrid PV inverter grid-tied	TÜV Rheinland Group	2023/09/18		CN229F6J 004	AK 50599810 0001		Yes	
Bluesun	BSE6KH3	Hybrid PV inverter grid-tied	TÜV SÜD	2023/03/24		64.290.23.30183.01	D 093536 0019 Rev.00		Yes	
Bluesun	BSE8KH3	Hybrid PV inverter grid-tied	TÜV SÜD	2023/03/24		64.290.23.30183.01	D 093536 0019 Rev.00		Yes	
Bluesun	BSE10KH3	Hybrid PV inverter grid-tied	TÜV SÜD	2023/03/24		64.290.23.30183.01	D 093536 0019 Rev.00		Yes	
Bluesun	BSE12KH3	Hybrid PV inverter grid-tied	TÜV SÜD	2023/03/24		64.290.23.30183.01	D 093536 0019 Rev.00		Yes	
Bluesun	BSE15KH3	Hybrid PV inverter grid-tied	TÜV SÜD	2023/03/24		64.290.23.30183.01	D 093536 0019 Rev.00		Yes	
Canadian Solar	CSI-20, 25 and 30KTL-GI-FL	Grid-tied PV inverter	TUV Rheinland	2018/05/07		50128276 002	AK 50406933 0001	Yes		
Canadian Solar	CSI-40KTL-GI-FL	Grid-tied PV inverter	TUV Rheinland	2018/05/03		50131287 002	AK 50406675 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI-50KTL-GI	Grid-tied PV inverter	TUV Rheinland	2018/05/03		50131287 002	AK 50406675 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI-25K-T400GL02-E	Grid-tied PV inverter	TUV Rheinland	2020/04/13		50344275 002	AK 50464349 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI-30K-T400GL02-E	Grid-tied PV inverter	TUV Rheinland	2020/04/13		50344275 002	AK 50464349 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI-33K-T400GL02-E	Grid-tied PV inverter	TUV Rheinland	2020/04/13		50344275 002	AK 50464349 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI-36K-T400GL02-E	Grid-tied PV inverter	TUV Rheinland	2020/04/13		50344275 002	AK 50464349 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI-40K-T400GL02-E	Grid-tied PV inverter	TUV Rheinland	2020/04/13		50344275 002	AK 50464349 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI 75 K-T400GL02-E	Grid-tied PV inverter	TUV Rheinland	2020/10/21		50376758 002	AK 50483986 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI 100 K-T400GL02-E	Grid-tied PV inverter	TUV Rheinland	2020/10/21		50376758 002	AK 50483986 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI 110 K-T400GL02-E	Grid-tied PV inverter	TUV Rheinland	2020/10/21		50376758 002	AK 50483986 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI-50K-T400GL03-E	Grid-tied PV inverter	TUV Rheinland	2021/08/27		CN21F7XT 0002	AK 50516584 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI-60K-T400GL03-E	Grid-tied PV inverter	TUV Rheinland	2021/08/27		CN21F7XT 0002	AK 50516584 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI-60K-T500GL03-E	Grid-tied PV inverter	TUV Rheinland	2021/08/27		CN21F7XT 0002	AK 50516584 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI-70K-T500GL03-E	Grid-tied PV inverter	TUV Rheinland	2021/08/27		CN21F7XT 0002	AK 50516584 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI-xxK-T400GL02-E	Grid-tied PV inverter	TUV Rheinland	2021/10/29		50 376 758 007	AK 50522798 0001		Yes	(xx=80, 100, 110); The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI-xxK-T400GL03-E	Grid-tied PV inverter	TUV Rheinland	2021/10/29		50 376 758 007	AK 50522798 0001		Yes	(xx=80, 100, 110); The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI-xxK-T400GL02-ZA	Grid-tied PV inverter	TUV Rheinland	2021/10/29		50 376 758 007	AK 50522798 0001		Yes	(xx=100, 110); The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI-xxK-T400GL03-ZA	Grid-tied PV inverter	TUV Rheinland	2021/10/29		50 376 758 007	AK 50522798 0001		Yes	(xx=100, 110); The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Canadian Solar	CSI-100KT4001A-E	Grid-tied PV inverter	TÜV SÜD	2023/10/20		704092320201-00	D 09184 0032 Rev.1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. The inverter is not equipped with integrated network and system (NS) protection and an external NS protection system shall be installed.
Canadian Solar	CSI-100KT4001B-E	Grid-tied PV inverter	TÜV SÜD	2023/10/20		704092320201-00	D 09184 0032 Rev.1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. The inverter is not equipped with integrated network and system (NS) protection and an external NS protection system shall be installed.
Canadian Solar	CSI-110KT4001A-E	Grid-tied PV inverter	TÜV SÜD	2023/10/20		704092320201-00	D 09184 0032 Rev.1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. The inverter is not equipped with integrated network and system (NS) protection and an external NS protection system shall be installed.
Canadian Solar	CSI-110KT4001B-E	Grid-tied PV inverter	TÜV SÜD	2023/10/20		704092320201-00	D 09184 0032 Rev.1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. The inverter is not equipped with integrated network and system (NS) protection and an external NS protection system shall be installed.
Canadian Solar	CSI-120KT4001A-E	Grid-tied PV inverter	TÜV SÜD	2023/10/20		704092320201-00	D 09184 0032 Rev.1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. The inverter is not equipped with integrated network and system (NS) protection and an external NS protection system shall be installed.
Canadian Solar	CSI-120KT4001B-E	Grid-tied PV inverter	TÜV SÜD	2023/10/20		704092320201-00	D 09184 0032 Rev.1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. The inverter is not equipped with integrated network and system (NS) protection and an external NS protection system shall be installed.
Chint	CPS SCE5KTL-120/EU	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/17		CN23FCPJ 001	AK 50573707 0001		Yes	
Chint	CPS SCE6KTL-120/EU	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/17		CN23FCPJ 001	AK 50573707 0001		Yes	
Conti	CSHI-3500	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/14		64.290.21.30646.04	D 115385 0001 Rev.00		Yes	
Conti	CSHI-5500X12	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/14		64.290.21.30646.04	D 115385 0001 Rev.00		Yes	
Deye	SUN-8K-SG01LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-7.6K-SG01LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-6K-SG01LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-5K-SG01LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-3.6K-SG01LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-8K-SG01LP1-EU-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-7.6K-SG01LP1-EU-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-6K-SG01LP1-EU-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-5K-SG01LP1-EU-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-3.6K-SG01LP1-EU-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-8K-SG02LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-7.6K-SG02LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-6K-SG02LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-5K-SG02LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-3.6K-SG02LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-8K-SG02LP1-EU-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	

Deye	SUN-7.6K-SG02LP1-EU-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-6K-SG02LP1-EU-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-5K-SG02LP1-EU-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-3.6K-SG02LP1-EU-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes	
Deye	SUN-6K-SG04LP3-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2021/06/09		BL-DG2141024-B01	BL-DG2141024D01		Yes	
Deye	SUN-8K-SG04LP3-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2021/06/09		BL-DG2141024-B01	BL-DG2141024D01		Yes	
Deye	SUN-10K-SG04LP3-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2021/06/09		BL-DG2141024-B01	BL-DG2141024D01		Yes	
Deye	SUN-12K-SG04LP3-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2021/06/09		BL-DG2141024-B01	BL-DG2141024D01		Yes	
Deye	SUN-12K-SG01LP1-EU	Hybrid PV inverter grid-tied	TUV Rheinland	2022/05/24		CN222MSO 001	AK 50544599 0001		Yes	
Deye	SUN-14K-SG01LP1-EU	Hybrid PV inverter grid-tied	TUV Rheinland	2022/05/24		CN222MSO 001	AK 50544599 0001		Yes	
Deye	SUN-16K-SG01LP1-EU	Hybrid PV inverter grid-tied	TUV Rheinland	2022/05/24		CN222MSO 001	AK 50544599 0001		Yes	
Deye	SUN-3K-SG04LP1-EU	Hybrid PV inverter grid-tied	TUV Rheinland	2022/12/13		CN22MT63 001	AK 50567952 0001		Yes	
Deye	SUN-3K-SG04LP1-24-EU	Hybrid PV inverter grid-tied	TUV Rheinland	2022/12/13		CN22MT63 001	AK 50567952 0001		Yes	
Deye	SUN-3.6K-SG04LP1-EU	Hybrid PV inverter grid-tied	TUV Rheinland	2022/12/13		CN22MT63 001	AK 50567952 0001		Yes	
Deye	SUN-5K-SG04LP1-EU	Hybrid PV inverter grid-tied	TUV Rheinland	2022/12/13		CN22MT63 001	AK 50567952 0001		Yes	
Deye	SUN-6K-SG04LP1-EU	Hybrid PV inverter grid-tied	TUV Rheinland	2022/12/13		CN22MT63 001	AK 50567952 0001		Yes	
Deye	SUN-29.9K-SG01HP3-EU-BM3	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/13		CN22G75A 003	AK 50593991 0001		Yes	
Deye	SUN-30K-SG01HP3-EU-BM3	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/13		CN22G75A 003	AK 50593991 0001		Yes	
Deye	SUN-35K-SG01HP3-EU-BM3	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/13		CN22G75A 003	AK 50593991 0001		Yes	
Deye	SUN-40K-SG01HP3-EU-BM4	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/13		CN22G75A 003	AK 50593991 0001		Yes	
Deye	SUN-50K-SG01HP3-EU-BM4	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/13		CN22G75A 003	AK 50593991 0001		Yes	
Deye	SUN-6K-SG03LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2023/04/23		BL-DG2330754 B01	BL-DG2330754D01		Yes	
Deye	SUN-5K-SG03LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2023/04/23		BL-DG2330754 B01	BL-DG2330754D01		Yes	
Deye	SUN-3.6K-SG03LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2023/04/23		BL-DG2330754 B01	BL-DG2330754D01		Yes	
Deye	SUN-3K-SG03LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2023/04/23		BL-DG2330754 B01	BL-DG2330754D01		Yes	
Dyness	DYNE 3.0L-1P-A	Hybrid PV inverter grid-tied	TÜV SÜD	2023/08/29		704092366401-00	D 120387 0003 Rev.00		Yes	
Dyness	DYNE 3.6L-1P-A	Hybrid PV inverter grid-tied	TÜV SÜD	2023/08/29		704092366401-00	D 120387 0003 Rev.00		Yes	
Dyness	DYNE 5.0L-1P-A	Hybrid PV inverter grid-tied	TÜV SÜD	2023/08/29		704092366401-00	D 120387 0003 Rev.00		Yes	
Dyness	DYNE 6.0L-1P-A	Hybrid PV inverter grid-tied	TÜV SÜD	2023/08/29		704092366401-00	D 120387 0003 Rev.00		Yes	
Dyness	DYNE 8.0L-1P-A	Hybrid PV inverter grid-tied	TÜV SÜD	2023/08/29		704092366401-00	D 120387 0003 Rev.00		Yes	
Easypower	REVO8KL1	Hybrid PV inverter grid-tied	TÜV SÜD	2023/01/17		64.290.22.31554.01	D 119631 0001 Rev. 00		Yes	
Eaton	XSTH1P036PO48V01	Hybrid PV inverter grid-tied	Bureau Veritas	2019/12/10		PVZA190716C26 163818-743394	U19-0642	Yes		
Eaton	XSTH1P046PO48V01	Hybrid PV inverter grid-tied	Bureau Veritas	2019/12/10		PVZA190716C26 163818-743394	U19-0642	Yes		
Eaton	XSTH1P060PO48V01	Hybrid PV inverter grid-tied	Bureau Veritas	2019/12/10		PVZA190716C26 163818-743394	U19-0642	Yes		
Enphase Energy	IQ7A-72-V-W-Y-Z	Grid-tied PV inverter	EnTest	2020/11/06		P2020082402	COCP2020082402	Yes		
Enphase Energy	IQ7X-96-V-W-Y-Z	Grid-tied PV inverter	EnTest	2020/11/06		P2020082402	COCP2020082402	Yes		1. Legend: WhereV=2, 5, E or blank; W = blank or ACM; Y = INT; Z = blank, RMA or NM. 2.The inverter installation must be provided with an external RCD type B. 3. Q- RELAY must and may only be used with these Enphase Energy inverters.
Enphase Energy	IQ7PLUS-72-V-W-Y-Z	Grid-tied PV inverter	EnTest	2020/11/06		P2020082402	COCP2020082402	Yes		
Enphase Energy	IQ7-60-V-W-Y-Z	Grid-tied PV inverter	EnTest	2020/11/06		P2020082402	COCP2020082402	Yes		
Enphase Energy	Q-RELAY-1P-INT	Disconnect device	EnTest	2020/11/06		P2020082402	COCP2020082402	Yes		
Enphase Energy	Q-RELAY-3P-INT	Disconnect device	EnTest	2020/11/06		P2020082402	COCP2020082402	Yes		
Enphase Energy	IQ8AC-72-M-INT	Grid-tied PV inverter	EnTest	2023/09/12		P2023082801	COCP2023082801		Yes	
Enphase Energy	IQ8HC-72-M-INT	Grid-tied PV inverter	EnTest	2023/09/12		P2023082801	COCP2023082801		Yes	1. The inverter installation must be provided with an external RCD type B. 2. Q- RELAY must and may only be used with these Enphase Energy inverters.
Enphase Energy	IQ8MC-72-M-INT	Grid-tied PV inverter	EnTest	2023/09/12		P2023082801	COCP2023082801		Yes	
Enphase Energy	Q-RELAY-1P-INT	Disconnect device	EnTest	2023/09/12		P2023082801	COCP2023082801		Yes	
Enphase Energy	Q-RELAY-3P-INT	Disconnect device	EnTest	2023/09/12		P2023082801	COCP2023082801		Yes	
Enphase Energy	IQ8P-72-M-INT	Grid-tied PV inverter	EnTest	2023/09/01		P2023080301	COCP2023080301		Yes	1. The inverter installation must be provided with an external RCD type B. 2. Q- RELAY must and may only be used with these Enphase Energy inverters.
Enphase Energy	IQ8P-72-2-INT	Grid-tied PV inverter	EnTest	2023/09/01		P2023080301	COCP2023080301		Yes	
Enphase Energy	Q-RELAY-1P-INT	Disconnect device	EnTest	2023/09/01		P2023080301	COCP2023080301		Yes	
Enphase Energy	Q-RELAY-3P-INT	Disconnect device	EnTest	2023/09/01		P2023080301	COCP2023080301		Yes	
FOXESS	H1-6.0-E	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	H1-5.0-E	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	H1-4.6-E	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	H1-3.7-E	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	H1-3.0-E	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AIO-H1-6.0	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AIO-H1-5.0	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AIO-H1-4.6	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AIO-H1-3.7	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AIO-H1-3.0	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AC1-6.0-E	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AC1-5.0-E	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AC1-4.6-E	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AC1-3.7-E	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AC1-3.0-E	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AIO-AC1-6.0	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AIO-AC1-5.0	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AIO-AC1-4.6	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AIO-AC1-3.7	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AIO-AC1-3.0	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AC1-3.0-E.G2	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	

FOXESS	AC1-3.7-E.G2	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AC1-4.6-E.G2	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AC1-5.0-E.G2	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AC1-6.0-E.G2	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AC1-4.6-E1.G2	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AC1-5.0-E1.G2	Battery based inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	AC3-Pro-10.0	Battery based inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	AC3-Pro-12.0	Battery based inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	AC3-Pro-15.0	Battery based inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	AC3-Pro-20.0	Battery based inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	AC3-Pro-22.0	Battery based inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	AC3-Pro-24.9	Battery based inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	AC3-Pro-25.0	Battery based inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	AC3-Pro-29.9	Battery based inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	AC3-Pro-30.0	Battery based inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	H1-3.0-E-G2	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	H1-3.7-E-G2	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	H1-4.6-E-G2	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	H1-5.0-E-G2	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	H1-6.0-E-G2	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	H1-4.6-E1-G2	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	H1-5.0-E1-G2	Hybrid PV inverter grid-tied	TÜV NORD & Donguan Balun	2023/05/22		TRPVP04044/23E/01	COCPVP04044/23-01		Yes	
FOXESS	H3-Pro-10.0	Hybrid PV inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	H3-Pro-12.0	Hybrid PV inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	H3-Pro-15.0	Hybrid PV inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	H3-Pro-20.0	Hybrid PV inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	H3-Pro-22.0	Hybrid PV inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	H3-Pro-24.9	Hybrid PV inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	H3-Pro-25.0	Hybrid PV inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	H3-Pro-29.9	Hybrid PV inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	H3-Pro-30.0	Hybrid PV inverter grid-tied	Dekra	2023/11/02	2028/11/02	6166523.50	6166523.01COC		Yes	
FOXESS	KH7	Hybrid PV inverter grid-tied	TUV Rheinland	2022/05/05		CN22ETYS 001	AK 50542790 0001		Yes	
FOXESS	KH8	Hybrid PV inverter grid-tied	TUV Rheinland	2022/05/05		CN22ETYS 001	AK 50542790 0001		Yes	
FOXESS	KH9	Hybrid PV inverter grid-tied	TUV Rheinland	2022/05/05		CN22ETYS 001	AK 50542790 0001		Yes	
FOXESS	KH10	Hybrid PV inverter grid-tied	TUV Rheinland	2022/05/05		CN22ETYS 001	AK 50542790 0001		Yes	
FOXESS	KH10.5	Hybrid PV inverter grid-tied	TUV Rheinland	2022/05/05		CN22ETYS 001	AK 50542790 0001		Yes	
FOXESS	KA7	Battery based inverter grid-tied	TUV Rheinland	2022/05/05		CN22ETYS 001	AK 50542790 0001		Yes	
FOXESS	KA8	Battery based inverter grid-tied	TUV Rheinland	2022/05/05		CN22ETYS 001	AK 50542790 0001		Yes	
FOXESS	KA9	Battery based inverter grid-tied	TUV Rheinland	2022/05/05		CN22ETYS 001	AK 50542790 0001		Yes	
FOXESS	KA10	Battery based inverter grid-tied	TUV Rheinland	2022/05/05		CN22ETYS 001	AK 50542790 0001		Yes	
FOXESS	KA10.5	Battery based inverter grid-tied	TUV Rheinland	2022/05/05		CN22ETYS 001	AK 50542790 0001		Yes	
Fronius	Primo 3.0-1	Grid-tied PV inverter	TUV Rheinland	2020/09/22		28119635 003	AK 60152048 0001	Yes		
Fronius	Primo 3.5-1	Grid-tied PV inverter	TUV Rheinland	2020/09/22		28119635 003	AK 60152048 0001	Yes		
Fronius	Primo 3.6-1	Grid-tied PV inverter	TUV Rheinland	2020/09/22		28119635 003	AK 60152048 0001	Yes		
Fronius	Primo 4.0-1	Grid-tied PV inverter	TUV Rheinland	2020/09/22		28119635 003	AK 60152048 0001	Yes		
Fronius	Primo 4.6-1	Grid-tied PV inverter	TUV Rheinland	2020/09/22		28119635 003	AK 60152048 0001	Yes		
Fronius	Primo 5.0-1	Grid-tied PV inverter	TUV Rheinland	2020/09/22		28119635 003	AK 60152048 0001	Yes		
Fronius	Primo 6.0-1	Grid-tied PV inverter	TUV Rheinland	2020/09/22		28119635 003	AK 60152048 0001	Yes		
Fronius	Primo 8.2-1	Grid-tied PV inverter	TUV Rheinland	2020/09/22		28119635 003	AK 60152048 0001	Yes		
Fronius	Symo 10.0-3-M	Grid-tied PV inverter	TUV Rheinland	2020/09/22		28119635 005	AK 60152049 0001	Yes		
Fronius	Symo 12.5-3-M	Grid-tied PV inverter	TUV Rheinland	2020/09/22		28119635 005	AK 60152049 0001	Yes		
Fronius	Symo 15.0-3-M	Grid-tied PV inverter	TUV Rheinland	2020/09/22		28119635 005	AK 60152049 0001	Yes		
Fronius	Symo 17.5-3-M	Grid-tied PV inverter	TUV Rheinland	2020/09/22		28119635 005	AK 60152049 0001	Yes		
Fronius	Symo 20.0-3-M	Grid-tied PV inverter	TUV Rheinland	2020/09/22		28119635 005	AK 60152049 0001	Yes		
Fronius	Symo GEN24 6.0 Plus	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001		Yes	
Fronius	Symo GEN24 7.0 Plus	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001		Yes	
Fronius	Symo GEN24 8.0 Plus	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001		Yes	
Fronius	Symo GEN24 9.0 Plus	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001		Yes	
Fronius	Symo GEN24 10.0 Plus	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001		Yes	
Fronius	Symo GEN24 6.0	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001		Yes	
Fronius	Symo GEN24 7.0	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001		Yes	
Fronius	Symo GEN24 8.0	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001		Yes	
Fronius	Symo GEN24 9.0	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001		Yes	
Fronius	Symo GEN24 10.0	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001		Yes	
Fronius	Symo GEN24 6.0 Lite	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001		Yes	
Fronius	Symo GEN24 7.0 Lite	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001		Yes	
Fronius	Symo GEN24 8.0 Lite	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001		Yes	
Fronius	Symo GEN24 9.0 Lite	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001		Yes	
Fronius	Symo GEN24 10.0 Lite	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001		Yes	
Fronius	Symo GEN24 6.0 Plus hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001		Yes	
Fronius	Symo GEN24 7.0 Plus hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001		Yes	
Fronius	Symo GEN24 8.0 Plus hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001		Yes	
Fronius	Symo GEN24 9.0 Plus hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001		Yes	
Fronius	Symo GEN24 10.0 Plus hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001		Yes	
Fronius	Symo GEN24 6.0 hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001		Yes	
Fronius	Symo GEN24 7.0 hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001		Yes	
Fronius	Symo GEN24 8.0 hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001		Yes	
Fronius	Symo GEN24 9.0 hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001		Yes	
Fronius	Symo GEN24 10.0 hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001		Yes	
Fronius	Symo GEN24 6.0 Lite hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001		Yes	

Fronius	Symo GEN24 7.0 Lite hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001		Yes	
Fronius	Symo GEN24 8.0 Lite hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001		Yes	
Fronius	Symo GEN24 9.0 Lite hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001		Yes	
Fronius	Symo GEN24 10.0 Lite hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001		Yes	
Fronius	Primo GEN24 3.0 Plus	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 3.6 Plus	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 4.0 Plus	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 4.6 Plus	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 5.0 Plus	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 6.0 Plus	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 3.0	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 3.6	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 4.0	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 4.6	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 5.0	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 6.0	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 3.0 Lite	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 3.6 Lite	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 4.0 Lite	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 4.6 Lite	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 5.0 Lite	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 6.0 Lite	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT21WUZG 001	AK 60156751 0001		Yes	
Fronius	Primo GEN24 3.0 Plus hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 3.6 Plus hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 4.0 Plus hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 4.6 Plus hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 5.0 Plus hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 6.0 Plus hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 3.0 hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 3.6 hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 4.0 hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 4.6 hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 5.0 hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 6.0 hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 3.0 Lite hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 3.6 Lite hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 4.0 Lite hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 4.6 Lite hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 5.0 Lite hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	Primo GEN24 6.0 Lite hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT21WUZG 001	AK 601650076 0001		Yes	
Fronius	ECO 25.0-3-S	Grid-tied PV inverter	TUV Rheinland	2021/05/05		IT210G4J 003	AK 60156511 0001		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
Fronius	ECO 27.0-3-S	Grid-tied PV inverter	TUV Rheinland	2021/05/05		IT210G4J 003	AK 60156511 0001		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
Fronius	TAURO ECO 50-3-P	Grid-tied PV inverter	TUV Rheinland	2022/01/25		IT22Z7D0 001	AK 60161549 0001		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
Fronius	TAURO ECO 50-3-D	Grid-tied PV inverter	TUV Rheinland	2022/01/25		IT22Z7D0 001	AK 60161549 0001		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
Fronius	TAURO ECO 99-3-P	Grid-tied PV inverter	TUV Rheinland	2022/01/25		IT22Z7D0 001	AK 60161549 0001		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
Fronius	TAURO ECO 99-3-D	Grid-tied PV inverter	TUV Rheinland	2022/01/25		IT22Z7D0 001	AK 60161549 0001		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
Fronius	TAURO ECO 100-3-P	Grid-tied PV inverter	TUV Rheinland	2022/01/25		IT22Z7D0 001	AK 60161549 0001		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
Fronius	TAURO ECO 100-3-D	Grid-tied PV inverter	TUV Rheinland	2022/01/25		IT22Z7D0 001	AK 60161549 0001		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
Fronius	TAURO 50-3-P	Grid-tied PV inverter	TUV Rheinland	2022/01/27		IT221Y5I 001	AK 60161577 0001		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
Fronius	TAURO 50-3-D	Grid-tied PV inverter	TUV Rheinland	2022/01/27		IT221Y5I 001	AK 60161577 0001		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
Fronius	Symo Advanced 10.0-3-M	Grid-tied PV inverter	TUV Rheinland	2022/05/24		IT222JMT 002	AK 60163780 0001		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
Fronius	Symo Advanced 12.5-3-M	Grid-tied PV inverter	TUV Rheinland	2022/05/24		IT222JMT 002	AK 60163780 0001		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
Fronius	Symo Advanced 15.0-3-M	Grid-tied PV inverter	TUV Rheinland	2022/05/24		IT222JMT 002	AK 60163780 0001		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
Fronius	Symo Advanced 17.5-3-M	Grid-tied PV inverter	TUV Rheinland	2022/05/24		IT222JMT 002	AK 60163780 0001		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
Fronius	Symo Advanced 20.0-3-M	Grid-tied PV inverter	TUV Rheinland	2022/05/24		IT222JMT 002	AK 60163780 0001		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
Goodwe	GW3648D-ES	Hybrid PV inverter grid-tied	TÜV SÜD	2018/11/12		704091815302-00	D 083373 0039 Rev.00	Yes		
Goodwe	GW5048D-ES	Hybrid PV inverter grid-tied	TÜV SÜD	2018/11/12		704091815302-00	D 083373 0039 Rev.00	Yes		
Goodwe	GW3048-EM	Hybrid PV inverter grid-tied	TUV Rheinland	2017/07/14		50085060 001	AK 50383738 0001	Yes		
Goodwe	GW3648-EM	Hybrid PV inverter grid-tied	TUV Rheinland	2017/07/14		50085060 001	AK 50383738 0001	Yes		
Goodwe	GW5048-EM	Hybrid PV inverter grid-tied	TUV Rheinland	2017/07/14		50085060 001	AK 50383738 0001	Yes		
Goodwe	GW4K-DT	Grid-tied PV inverter	Bureau Veritas	2019/11/20		ZEM-19OC0893FTSHP	U19-0609	Yes		
Goodwe	GW5K-DT	Grid-tied PV inverter	Bureau Veritas	2019/11/20		ZEM-19OC0893FTSHP	U19-0609	Yes		
Goodwe	GW6K-DT	Grid-tied PV inverter	Bureau Veritas	2019/11/20		ZEM-19OC0893FTSHP	U19-0609	Yes		
Goodwe	GW8K-DT	Grid-tied PV inverter	Bureau Veritas	2019/11/20		ZEM-19OC0893FTSHP	U19-0609	Yes		
Goodwe	GW10KT-DT	Grid-tied PV inverter	Bureau Veritas	2019/11/20		ZEM-19OC0893FTSHP	U19-0609	Yes		
Goodwe	GW12KT-DT	Grid-tied PV inverter	Bureau Veritas	2019/11/20		ZEM-19OC0893FTSHP	U19-0609	Yes		
Goodwe	GW15KT-DT	Grid-tied PV inverter	Bureau Veritas	2019/11/20		ZEM-19OC0893FTSHP	U19-0609	Yes		
Goodwe	GW5000S-BP	Battery based inverter grid-tied	TUV Rheinland	2018/11/12		50180648 001	AK 50419930 0001	Yes		
Goodwe	GW3600S-BP	Battery based inverter grid-tied	TUV Rheinland	2018/11/12		50180648 001	AK 50419930 0001	Yes		
Goodwe	GW5K-ET	Hybrid PV inverter grid-tied	Bureau Veritas	2019/05/23		PVZA190507N014	1988AP0507N014001	Yes		
Goodwe	GW8K-ET	Hybrid PV inverter grid-tied	Bureau Veritas	2019/05/23		PVZA190507N014	1988AP0507N014001	Yes		

Goodwe	GW10K-ET	Hybrid PV inverter grid-tied	Bureau Veritas	2019/05/23		PVZA190507N014	1988AP0507N014001	Yes		
Goodwe	GW25K-MT	Grid-tied PV inverter	Bureau Veritas	2020/03/05		PVZA181008N021-R1	1888AP1008N021015	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW30K-MT	Grid-tied PV inverter	Bureau Veritas	2020/03/05		PVZA181008N021-R1	1888AP1008N021015	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW36K-MT	Grid-tied PV inverter	Bureau Veritas	2020/03/05		PVZA181008N021-R1	1888AP1008N021015	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW50K-MT	Grid-tied PV inverter	Bureau Veritas	2022/05/06		PVZA180903N057-R2	1888AP0903N057004		Yes	
Goodwe	GW60K-MT	Grid-tied PV inverter	Bureau Veritas	2022/05/06		PVZA180903N057-R2	1888AP0903N057004		Yes	
Goodwe	GW50KN-MT	Grid-tied PV inverter	Bureau Veritas	2022/05/06		PVZA180903N057-R2	1888AP0903N057004		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW60KN-MT	Grid-tied PV inverter	Bureau Veritas	2022/05/06		PVZA180903N057-R2	1888AP0903N057004		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW 3000D-NS	Grid-tied PV inverter	Bureau Veritas	2020/01/19		PVZA190627N029	1988APO627N0290001	Yes		
Goodwe	GW 3600D-NS	Grid-tied PV inverter	Bureau Veritas	2020/01/19		PVZA190627N029	1988APO627N0290001	Yes		
Goodwe	GW 4200D-NS	Grid-tied PV inverter	Bureau Veritas	2020/01/19		PVZA190627N029	1988APO627N0290001	Yes		
Goodwe	GW 5000D-NS	Grid-tied PV inverter	Bureau Veritas	2020/01/19		PVZA190627N029	1988APO627N0290001	Yes		
Goodwe	GW 6000D-NS	Grid-tied PV inverter	Bureau Veritas	2020/01/19		PVZA190627N029	1988APO627N0290001	Yes		
Goodwe	GW 20KN-DT	Grid-tied PV inverter	Bureau Veritas	2020/04/17		ASBJ-190C2322FTSHS	U20-O270	Yes		
Goodwe	GW 17KN-DT	Grid-tied PV inverter	Bureau Veritas	2020/04/17		ASBJ-190C2322FTSHS	U20-O270	Yes		
Goodwe	GW 15KN-DT	Grid-tied PV inverter	Bureau Veritas	2020/04/17		ASBJ-190C2322FTSHS	U20-O270	Yes		
Goodwe	GW 12KN-DT	Grid-tied PV inverter	Bureau Veritas	2020/04/17		ASBJ-190C2322FTSHS	U20-O270	Yes		
Goodwe	GW 100K-HT	Grid-tied PV inverter	TUV Rheinland	2020/12/24		CN20W6U3 001	AK 50490607 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW 110K-HT	Grid-tied PV inverter	TUV Rheinland	2020/12/24		CN20W6U3 001	AK 50490607 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW 120K-HT	Grid-tied PV inverter	TUV Rheinland	2020/12/24		CN20W6U3 001	AK 50490607 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW 136K-HTH	Grid-tied PV inverter	TUV Rheinland	2020/12/24		CN20W6U3 001	AK 50490607 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. This 500 V a.c. inverter may only be used in plants connected to the grid via an external customer MV/LV AC transformer.
Goodwe	GW5000-EHB	Hybrid PV inverter grid-tied	SGS	2021/11/11	2023/12/21	2220/0404-E1	2620/0404-E1-CER		Yes	
Goodwe	GW6500-EHB	Hybrid PV inverter grid-tied	SGS	2021/11/11	2023/12/21	2220/0404-E1	2620/0404-E1-CER		Yes	
Goodwe	GW8600-EHB	Hybrid PV inverter grid-tied	SGS	2021/11/11	2023/12/21	2220/0404-E1	2620/0404-E1-CER		Yes	
Goodwe	GW0010-EHB	Hybrid PV inverter grid-tied	SGS	2021/11/11	2023/12/21	2220/0404-E1	2620/0404-E1-CER		Yes	
Goodwe	GW 17KT-DT	Hybrid PV inverter grid-tied	TUV Rheinland	2022/04/15		60395681 002	AK 50540008 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW 20KT-DT	Hybrid PV inverter grid-tied	TUV Rheinland	2022/04/15		60395681 002	AK 50540008 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW 25KT-DT	Hybrid PV inverter grid-tied	TUV Rheinland	2022/04/15		60395681 002	AK 50540008 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW50KS-MT	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2022/06/07		TRPVP11058/21E/02	COCPVP11058/21E-04		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW60KS-MT	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2022/06/07		TRPVP11058/21E/02	COCPVP11058/21E-04		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GWx-ES-20	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/06		CN22SCQU 001	AK 50550767 0001		Yes	Where x = 3000, 3600, 5000, 6000
Goodwe	GWxM-ES-20	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/06		CN22SCQU 001	AK 50550767 0001		Yes	Where x = 3600, 5000, 6000
Goodwe	GWx-SBP-20	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/06		CN22SCQU 001	AK 50550767 0001		Yes	Where x = 3600, 5000, 6000
Goodwe	GW80K-MT	Grid-tied PV inverter	Bureau Veritas	2022/08/10		PVZA191217N016-R2	2288AP080035001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW15K-ET	Hybrid PV inverter grid-tied	TUV Rheinland	2023/05/06		CN23Y4NN 001	AK 50583164 0001		Yes	
Goodwe	GW20K-ET	Hybrid PV inverter grid-tied	TUV Rheinland	2023/05/06		CN23Y4NN 001	AK 50583164 0001		Yes	
Goodwe	GW25K-ET	Hybrid PV inverter grid-tied	TUV Rheinland	2023/05/06		CN23Y4NN 001	AK 50583164 0001		Yes	
Goodwe	GW29.9K-ET	Hybrid PV inverter grid-tied	TUV Rheinland	2023/05/06		CN23Y4NN 001	AK 50583164 0001		Yes	
Goodwe	GW30K-ET	Hybrid PV inverter grid-tied	TUV Rheinland	2023/05/06		CN23Y4NN 001	AK 50583164 0001		Yes	
Greenrich	GR-3K1P-L-PRO	Hybrid PV inverter grid-tied	TÜV SÜD	2023/08/29		704092367601-00	D 122220 0003 Rev.00		Yes	
Greenrich	GR-3.6K1P-L-PRO	Hybrid PV inverter grid-tied	TÜV SÜD	2023/08/29		704092367601-00	D 122220 0003 Rev.00		Yes	
Greenrich	GR-5K1P-L-PRO	Hybrid PV inverter grid-tied	TÜV SÜD	2023/08/29		704092367601-00	D 122220 0003 Rev.00		Yes	
Greenrich	GR-6K1P-L-PRO	Hybrid PV inverter grid-tied	TÜV SÜD	2023/08/29		704092367601-00	D 122220 0003 Rev.00		Yes	
Greenrich	GR-8K1P-L-PRO	Hybrid PV inverter grid-tied	TÜV SÜD	2023/08/29		704092367601-00	D 122220 0003 Rev.00		Yes	
Growatt	SPH3000TL BL-UP	Hybrid PV inverter grid-tied	Intertek	2019/10/25		190719102GZU-001	CN-PV-190037	Yes		
Growatt	SPH3600TL BL-UP	Hybrid PV inverter grid-tied	Intertek	2019/10/25		190719102GZU-001	CN-PV-190037	Yes		
Growatt	SPH4000TL BL-UP	Hybrid PV inverter grid-tied	Intertek	2019/10/25		190719102GZU-001	CN-PV-190037	Yes		
Growatt	SPH4600TL BL-UP	Hybrid PV inverter grid-tied	Intertek	2019/10/25		190719102GZU-001	CN-PV-190037	Yes		
Growatt	SPH5000TL BL-UP	Hybrid PV inverter grid-tied	Intertek	2019/10/25		190719102GZU-001	CN-PV-190037	Yes		
Growatt	SPH6000TL BL-UP	Hybrid PV inverter grid-tied	Intertek	2019/10/25		190719102GZU-001	CN-PV-190037	Yes		
Growcol	GHyper-3000	Hybrid PV inverter grid-tied	Dekra	2021/08/20		6111798.51	6111798.02AOC		Yes	
Growcol	GHyper-3680	Hybrid PV inverter grid-tied	Dekra	2021/08/20		6111798.51	6111798.02AOC		Yes	
Growcol	GHyper-5000	Hybrid PV inverter grid-tied	Dekra	2021/08/20		6111798.51	6111798.02AOC		Yes	
Growcol	GX25KT	Grid-tied PV inverter	Intertek	2022/06/27		220120058GZU-001, Rev 1	CN-PV-220040R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX25KT-S	Grid-tied PV inverter	Intertek	2022/06/27		220120058GZU-001, Rev 1	CN-PV-220040R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX30KT	Grid-tied PV inverter	Intertek	2022/06/27		220120058GZU-001, Rev 1	CN-PV-220040R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX30KT-S	Grid-tied PV inverter	Intertek	2022/06/27		220120058GZU-001, Rev 1	CN-PV-220040R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX33KT	Grid-tied PV inverter	Intertek	2022/06/27		220120058GZU-001, Rev 1	CN-PV-220040R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX33KT-S	Grid-tied PV inverter	Intertek	2022/06/27		220120058GZU-001, Rev 1	CN-PV-220040R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX36KT	Grid-tied PV inverter	Intertek	2022/06/27		220120058GZU-001, Rev 1	CN-PV-220040R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX36KT-S	Grid-tied PV inverter	Intertek	2022/06/27		220120058GZU-001, Rev 1	CN-PV-220040R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX40KT	Grid-tied PV inverter	Intertek	2022/06/27		220120058GZU-001, Rev 1	CN-PV-220040R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX40KT-S	Grid-tied PV inverter	Intertek	2022/06/27		220120058GZU-001, Rev 1	CN-PV-220040R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX50KT	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX50KTL	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX50KTL-S	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX50KT-S	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX60KT	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX60KTL	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX60KTL-S	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.

Growcol	GX60KT-S	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX66KT	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX66KT-S	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX70KT	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX70KT-S	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX100KT	Grid-tied PV inverter	Intertek	2022/06/27		220307041GZU-001, Rev 1	CN-PV-220070R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX100KT-F	Grid-tied PV inverter	Intertek	2022/06/27		220307041GZU-001, Rev 1	CN-PV-220070R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX110KT	Grid-tied PV inverter	Intertek	2022/06/27		220307041GZU-001, Rev 1	CN-PV-220070R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX110KT-F	Grid-tied PV inverter	Intertek	2022/06/27		220307041GZU-001, Rev 1	CN-PV-220070R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX136KT-L	Grid-tied PV inverter	Intertek	2022/06/27		220307041GZU-001, Rev 1	CN-PV-220070R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX136KT-LF	Grid-tied PV inverter	Intertek	2022/06/27		220307041GZU-001, Rev 1	CN-PV-220070R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX136KT-X	Grid-tied PV inverter	Intertek	2022/06/27		220307041GZU-001, Rev 1	CN-PV-220070R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX136KT-XF	Grid-tied PV inverter	Intertek	2022/06/27		220307041GZU-001, Rev 1	CN-PV-220070R1		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GW-MPS0030	Hybrid PV inverter grid-tied	TÜV NORD (Hangzhau)	2022/05/24		TRPVP040042/22E01	COCPVP04002/22E-01		Yes	
Growcol	GW-MPS0050	Hybrid PV inverter grid-tied	TÜV NORD (Hangzhau)	2022/05/24		TRPVP040042/22E01	COCPVP04002/22E-01		Yes	
Growcol	GW-MPS0100	Hybrid PV inverter grid-tied	TÜV NORD (Hangzhau)	2022/05/24		TRPVP040042/22E01	COCPVP04002/22E-01		Yes	
Growcol	GW-MPS0150	Hybrid PV inverter grid-tied	TÜV NORD (Hangzhau)	2022/05/24		TRPVP040042/22E01	COCPVP04002/22E-01		Yes	
Growcol	GW8KS1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/10/14		64.290.22.31173.01	D 118596 0001 Rev.00		Yes	
Growcol	GW-MPS0250	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/23		CN229F6J 003	AK 50573567 0001		Yes	
Growcol	GW-MPS0500	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/23		CN229F6J 003	AK 50573567 0001		Yes	
Growcol	GC 8KHB-210-T/EU	Hybrid PV inverter grid-tied	TÜV SÜD	2023/05/09		64.290.23.30471.01	D 118596 0002 Rev. 00		Yes	
Growcol	GC 10KHB-210-T/EU	Hybrid PV inverter grid-tied	TÜV SÜD	2023/05/09		64.290.23.30471.01	D 118596 0002 Rev. 00		Yes	
Growcol	GC 3K6HB-60	Hybrid PV inverter grid-tied	TUV Rheinland	2023/04/13		CN23V6TU 001	AK 50580182 0001		Yes	
Growcol	GC 5KHB-120,	Hybrid PV inverter grid-tied	TUV Rheinland	2023/04/13		CN23V6TU 001	AK 50580182 0001		Yes	
Growcol	GC 6KHB-120	Hybrid PV inverter grid-tied	TUV Rheinland	2023/04/13		CN23V6TU 001	AK 50580182 0001		Yes	
Hoymiles	MI-500	Grid-tied PV inverter	Bureau Veritas	2018/07/10		BMH-18JA0680FCSP-R1	U18-0374	Yes		Hoymiles MI-500, 600 and 700 micro inverters are not equipped with an internal disconnection device and an external City listed network and system grid protection voltage and frequency relay must be provided in the photovoltaic system with appropriately sized two in series contactors according to NRS 097-2-1 requirements and default settings.
Hoymiles	MI-600	Grid-tied PV inverter	Bureau Veritas	2018/07/10		BMH-18JA0680FCSP-R1	U18-0374	Yes		
Hoymiles	MI-700	Grid-tied PV inverter	Bureau Veritas	2018/07/10		BMH-18JA0680FCSP-R1	U18-0374	Yes		
Hoymiles	MI-1000	Grid-tied PV inverter	Bureau Veritas	2018/07/27		ZEM-18AP0889FCSHP	U18-0435	Yes		
Hoymiles	MI-1000T	Grid-tied PV inverter	Bureau Veritas	2018/07/27		ZEM-18AP0889FCSHP	U18-0435	Yes		
Hoymiles	MI-1200	Grid-tied PV inverter	Bureau Veritas	2018/07/27		ZEM-18AP0889FCSHP	U18-0435	Yes		
Hoymiles	MI-1200T	Grid-tied PV inverter	Bureau Veritas	2018/07/27		ZEM-18AP0889FCSHP	U18-0435	Yes		
Hoymiles	HM-500	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2021/11/19		TRPVP03078/21B/02	COCPVP03078/21B-02		Yes	
Hoymiles	HM-500T	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2021/11/19		TRPVP03078/21B/02	COCPVP03078/21B-02		Yes	
Hoymiles	HM-600	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2021/11/19		TRPVP03078/21B/02	COCPVP03078/21B-02		Yes	
Hoymiles	HM-600T	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2021/11/19		TRPVP03078/21B/02	COCPVP03078/21B-02		Yes	
Hoymiles	HM-700	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2021/11/19		TRPVP03078/21B/02	COCPVP03078/21B-02		Yes	
Hoymiles	HM-700T	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2021/11/19		TRPVP03078/21B/02	COCPVP03078/21B-02		Yes	
Hoymiles	HM-800	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2021/11/19		TRPVP03078/21B/02	COCPVP03078/21B-02		Yes	
Hoymiles	HM-800T	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2021/11/19		TRPVP03078/21B/02	COCPVP03078/21B-02		Yes	
Hoymiles	HM-1000	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2021/11/19		TRPVP03078/21B/01	COCPVP03078/21B-01		Yes	
Hoymiles	HM-1000T	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2021/11/19		TRPVP03078/21B/01	COCPVP03078/21B-01		Yes	
Hoymiles	HM-1200	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2021/11/19		TRPVP03078/21B/01	COCPVP03078/21B-01		Yes	
Hoymiles	HM-1200T	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2021/11/19		TRPVP03078/21B/01	COCPVP03078/21B-01		Yes	
Hoymiles	HM-1500	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2021/11/19		TRPVP03078/21B/01	COCPVP03078/21B-01		Yes	
Hoymiles	HM-1500T	Grid-tied PV inverter	TÜV NORD & Donguan Balun	2021/11/19		TRPVP03078/21B/01	COCPVP03078/21B-01		Yes	
Huawei	SUN 2000-50KTL-MO	Grid-tied PV inverter	TÜV SÜD	2018/09/21		70 409 18 051 24-01	D 041829 3318	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-60KTL-MO	Grid-tied PV inverter	TÜV SÜD	2018/09/21		70 409 18 051 24-01	D 041829 3318	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-36KTL	Grid-tied PV inverter	Bureau Veritas	2020/04/24		PVZA180718N004	1888AP0718N004001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-100KTL-M1	Grid-tied PV inverter	Bureau Veritas	2020/05/29		PVZA200521N034	2088AP0521N034001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-2KTL-L1	Hybrid PV inverter grid-tied	Bureau Veritas	2021/02/08		PVZA2101WDG0170	2188AP010170001		Yes	
Huawei	SUN 2000-3KTL-L1	Hybrid PV inverter grid-tied	Bureau Veritas	2021/02/08		PVZA2101WDG0170	2188AP010170001		Yes	
Huawei	SUN 2000-3.68KTL-L1	Hybrid PV inverter grid-tied	Bureau Veritas	2021/02/08		PVZA2101WDG0170	2188AP010170001		Yes	
Huawei	SUN 2000-4KTL-L1	Hybrid PV inverter grid-tied	Bureau Veritas	2021/02/08		PVZA2101WDG0170	2188AP010170001		Yes	
Huawei	SUN 2000-4.6KTL-L1	Hybrid PV inverter grid-tied	Bureau Veritas	2021/02/08		PVZA2101WDG0170	2188AP010170001		Yes	
Huawei	SUN 2000-5KTL-L1	Hybrid PV inverter grid-tied	Bureau Veritas	2021/02/08		PVZA2101WDG0170	2188AP010170001		Yes	
Huawei	SUN 2000-6KTL-L1	Hybrid PV inverter grid-tied	Bureau Veritas	2021/02/08		PVZA2101WDG0170	2188AP010170001		Yes	
Huawei	SUN 2000-8K-LC0	Hybrid PV inverter grid-tied	Intertek	2023/08/23		230209049GZU-001	CN-PV-230487		Yes	
Huawei	SUN 2000-10K-LC0	Hybrid PV inverter grid-tied	Intertek	2023/08/23		230209049GZU-001	CN-PV-230487		Yes	
Huawei	SUN 2000-3KTL-M1	Hybrid PV inverter grid-tied	TÜV SÜD	2021/08/13		704092106508-00	D 041829 4613 Rev 00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-4KTL-M1	Hybrid PV inverter grid-tied	TÜV SÜD	2021/08/13		704092106508-00	D 041829 4613 Rev 00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-5KTL-M1	Hybrid PV inverter grid-tied	TÜV SÜD	2021/08/13		704092106508-00	D 041829 4613 Rev 00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.

Huawei	SUN 2000-6KTL-M1	Hybrid PV inverter grid-tied	TÜV SÜD	2021/08/13		704092106508-00	D 041829 4613 Rev 00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-8KTL-M1	Hybrid PV inverter grid-tied	TÜV SÜD	2021/08/13		704092106508-00	D 041829 4613 Rev 00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-10KTL-M1	Hybrid PV inverter grid-tied	TÜV SÜD	2021/08/13		704092106508-00	D 041829 4613 Rev 00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-3KTL-M0	Hybrid PV inverter grid-tied	TÜV SÜD	2021/08/13		704092106508-00	D 041829 4613 Rev 00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-4KTL-M0	Hybrid PV inverter grid-tied	TÜV SÜD	2021/08/13		704092106508-00	D 041829 4613 Rev 00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-5KTL-M0	Hybrid PV inverter grid-tied	TÜV SÜD	2021/08/13		704092106508-00	D 041829 4613 Rev 00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-6KTL-M1	Hybrid PV inverter grid-tied	TÜV SÜD	2021/08/13		704092106508-00	D 041829 4613 Rev 00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-8KTL-M0	Hybrid PV inverter grid-tied	TÜV SÜD	2021/08/13		704092106508-00	D 041829 4613 Rev 00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-10KTL-M0	Hybrid PV inverter grid-tied	TÜV SÜD	2021/08/13		704092106508-00	D 041829 4613 Rev 00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-8KTL-M0	Grid-tied PV inverter	Bureau Veritas	2021/09/07		PVZA190424N048-R1	1988AP0424048002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-10KTL-M0	Grid-tied PV inverter	Bureau Veritas	2021/09/07		PVZA190424N048-R1	1988AP0424048002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-12KTL-M0	Grid-tied PV inverter	Bureau Veritas	2021/09/07		PVZA190424N048-R1	1988AP0424048002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-15KTL-M0	Grid-tied PV inverter	Bureau Veritas	2021/09/07		PVZA190424N048-R1	1988AP0424048002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-17KTL-M0	Grid-tied PV inverter	Bureau Veritas	2021/09/07		PVZA190424N048-R1	1988AP0424048002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-20KTL-M0	Grid-tied PV inverter	Bureau Veritas	2021/09/07		PVZA190424N048-R1	1988AP0424048002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-8KTL-M2	Grid-tied PV inverter	Bureau Veritas	2021/09/07		PVZA190424N048-R1	1988AP0424048002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-10KTL-M2	Grid-tied PV inverter	Bureau Veritas	2021/09/07		PVZA190424N048-R1	1988AP0424048002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-12KTL-M2	Grid-tied PV inverter	Bureau Veritas	2021/09/07		PVZA190424N048-R1	1988AP0424048002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-15KTL-M2	Grid-tied PV inverter	Bureau Veritas	2021/09/07		PVZA190424N048-R1	1988AP0424048002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-17KTL-M2	Grid-tied PV inverter	Bureau Veritas	2021/09/07		PVZA190424N048-R1	1988AP0424048002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-20KTL-M2	Grid-tied PV inverter	Bureau Veritas	2021/09/07		PVZA190424N048-R1	1988AP0424048002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-15KTL-M3	Grid-tied PV inverter	Bureau Veritas	2021/11/05		PVZA200511N092-R2	2188AP060400002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-17KTL-M3	Grid-tied PV inverter	Bureau Veritas	2021/11/05		PVZA200511N092-R2	2188AP060400002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-20KTL-M3	Grid-tied PV inverter	Bureau Veritas	2021/11/05		PVZA200511N092-R2	2188AP060400002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-23KTL-M3	Grid-tied PV inverter	Bureau Veritas	2021/11/05		PVZA200511N092-R2	2188AP060400002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-28KTL-M3	Grid-tied PV inverter	Bureau Veritas	2021/11/05		PVZA200511N092-R2	2188AP060400002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-30KTL-M3	Grid-tied PV inverter	Bureau Veritas	2021/11/05		PVZA200511N092-R2	2188AP060400002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-36KTL-M3	Grid-tied PV inverter	Bureau Veritas	2021/11/05		PVZA200511N092-R2	2188AP060400002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-40KTL-M3	Grid-tied PV inverter	Bureau Veritas	2021/11/05		PVZA200511N092-R2	2188AP060400002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-42KTL-M3	Grid-tied PV inverter	Bureau Veritas	2021/11/05		PVZA200511N092-R2	2188AP060400002		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN2000-50KTL-M3	Grid-tied PV inverter	Intertek	2022/12/06		221026075GZU-001	CN-PV-220272		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN2000-100KTL-M2	Grid-tied PV inverter	Dekra	2023/01/16	2028/01/16	6138697.50	6138697.01COC		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN2000-115KTL-M2	Grid-tied PV inverter	Dekra	2023/01/16	2028/01/16	6138697.50	6138697.01COC		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	LUNA2000-100KTL-M1	Grid-tied PV inverter	Intertek	2023/04/04		230103213GZU-001	CN-PV-230156		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Ingeteam	Ingecon Sun Storage 1Play 3TL M	Hybrid PV inverter grid-tied	SGS	2022/02/28	2026/05/11	2220/0119-E-E1	2620/0119-E-E1-CER		Yes	
Ingeteam	Ingecon Sun Storage 1Play 3TL M Basic	Hybrid PV inverter grid-tied	SGS	2022/02/28	2026/05/11	2220/0119-E-E1	2620/0119-E-E1-CER		Yes	
Ingeteam	Ingecon Sun Storage 1Play 6TL M	Hybrid PV inverter grid-tied	SGS	2022/02/28	2026/05/11	2220/0119-E-E1	2620/0119-E-E1-CER		Yes	
Ingeteam	Ingecon Sun Storage 1Play 6TL M Basic	Hybrid PV inverter grid-tied	SGS	2022/02/28	2026/05/11	2220/0119-E-E1	2620/0119-E-E1-CER		Yes	
InHenergy	HI-3K-SL	Hybrid PV inverter grid-tied	Intertek	2023/05/04		230222091GZU-001	CN-PV-230215		Yes	
InHenergy	HI-3.6K-SL	Hybrid PV inverter grid-tied	Intertek	2023/05/04		230222091GZU-001	CN-PV-230215		Yes	
InHenergy	HI-4K-SL	Hybrid PV inverter grid-tied	Intertek	2023/05/04		230222091GZU-001	CN-PV-230215		Yes	
InHenergy	HI-5K-SL	Hybrid PV inverter grid-tied	Intertek	2023/05/04		230222091GZU-001	CN-PV-230215		Yes	
InHenergy	HI-6K-SL	Hybrid PV inverter grid-tied	Intertek	2023/05/04		230222091GZU-001	CN-PV-230215		Yes	
INVT	BD3KTL-RL1-1	Hybrid PV inverter grid-tied	TÜV SÜD	2023/03/01		64.290.22.31834.01	D 072237 0134 Rev.00		Yes	
INVT	BD3K6TL-RL1-1	Hybrid PV inverter grid-tied	TÜV SÜD	2023/03/01		64.290.22.31834.01	D 072237 0134 Rev.00		Yes	
INVT	BD4KTL-RL1-1	Hybrid PV inverter grid-tied	TÜV SÜD	2023/03/01		64.290.22.31834.01	D 072237 0134 Rev.00		Yes	
INVT	BD4K6TL-RL1-1	Hybrid PV inverter grid-tied	TÜV SÜD	2023/03/01		64.290.22.31834.01	D 072237 0134 Rev.00		Yes	
INVT	BD5KTL-RL1-1	Hybrid PV inverter grid-tied	TÜV SÜD	2023/03/01		64.290.22.31834.01	D 072237 0134 Rev.00		Yes	
INVT	BD6KTL-RL1-1	Hybrid PV inverter grid-tied	TÜV SÜD	2023/03/01		64.290.22.31834.01	D 072237 0134 Rev.00		Yes	
INVT	BD8KTL-RL1-1	Hybrid PV inverter grid-tied	TÜV SÜD	2023/03/01		64.290.22.31835.01	D 072237 0135 Rev.00		Yes	
INVT	BD3KTL-RL1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/27		64.290.22.30050.01	D 093811 0053 Rev.00		Yes	
INVT	BD3K6TL-RL1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/27		64.290.22.30050.01	D 093811 0053 Rev.00		Yes	
INVT	BD4KTL-RL1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/27		64.290.22.30050.01	D 093811 0053 Rev.00		Yes	
INVT	BD4K6TL-RL1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/27		64.290.22.30050.01	D 093811 0053 Rev.00		Yes	
INVT	BD5KTL-RL1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/27		64.290.22.30050.01	D 093811 0053 Rev.00		Yes	
INVT	BD6KTL-RL1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/27		64.290.22.30050.01	D 093811 0053 Rev.00		Yes	
INVT	iMARS XD3KTL	Hybrid PV inverter grid-tied	Intertek	2023/09/12		230209064GZU-001	CN-PV-230531		Yes	
INVT	iMARS XD3K6TL	Hybrid PV inverter grid-tied	Intertek	2023/09/12		230209064GZU-001	CN-PV-230531		Yes	
INVT	iMARS XD4KTL	Hybrid PV inverter grid-tied	Intertek	2023/09/12		230209064GZU-001	CN-PV-230531		Yes	
INVT	iMARS XD4K6TL	Hybrid PV inverter grid-tied	Intertek	2023/09/12		230209064GZU-001	CN-PV-230531		Yes	
INVT	iMARS XD5KTL	Hybrid PV inverter grid-tied	Intertek	2023/09/12		230209064GZU-001	CN-PV-230531		Yes	
INVT	iMARS XD6KTL	Hybrid PV inverter grid-tied	Intertek	2023/09/12		230209064GZU-001	CN-PV-230531		Yes	
iPotisEdge	IPS-3.6K-L60-S	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/07		CN23R9MK 001	AK 50592898 0001		Yes	
iPotisEdge	IPS-3.68K-L60-S	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/07		CN23R9MK 001	AK 50592898 0001		Yes	
iPotisEdge	IPS-4.6K-L60-S	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/07		CN23R9MK 001	AK 50592898 0001		Yes	
iPotisEdge	IPS-5K-L60-S	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/07		CN23R9MK 001	AK 50592898 0001		Yes	
iPotisEdge	IPS-6K-L60-S	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/07		CN23R9MK 001	AK 50592898 0001		Yes	
iPotisEdge	IPS-4.6K-L120-S	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/07		CN23R9MK 001	AK 50592898 0001		Yes	
iPotisEdge	IPS-5K-L120-S	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/07		CN23R9MK 001	AK 50592898 0001		Yes	
iPotisEdge	IPS-6K-L120-S	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/07		CN23R9MK 001	AK 50592898 0001		Yes	

Jinko	JKH30LTA	Hybrid PV inverter grid-tied	TÜV NORD (Hangzhau)	2023/03/08		TRPVP01087/23E/01	COCPVP01087/23E-01		Yes	
Jinko	JKH50LTA	Hybrid PV inverter grid-tied	TÜV NORD (Hangzhau)	2023/03/08		TRPVP01087/23E/01	COCPVP01087/23E-01		Yes	
Jinko	JKH100LTA	Hybrid PV inverter grid-tied	TÜV NORD (Hangzhau)	2023/03/08		TRPVP01087/23E/01	COCPVP01087/23E-01		Yes	
Jinko	JKH150LTA	Hybrid PV inverter grid-tied	TÜV NORD (Hangzhau)	2023/03/08		TRPVP01087/23E/01	COCPVP01087/23E-01		Yes	
Jinko	JKH250LTA	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/21		CN229F6J 002	AK 5057 4863 0001		Yes	
Jinko	JKH500LTA	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/21		CN229F6J 002	AK 5057 4863 0001		Yes	
Jinko	JKS-3HLVS-HI	Hybrid PV inverter grid-tied	TÜV SÜD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Jinko	JKS-3.6HLVS-HI	Hybrid PV inverter grid-tied	TÜV SÜD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Jinko	JKS-4HLVS-HI	Hybrid PV inverter grid-tied	TÜV SÜD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Jinko	JKS-4.6HLVS-HI	Hybrid PV inverter grid-tied	TÜV SÜD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Jinko	JKS-5HLVS-HI	Hybrid PV inverter grid-tied	TÜV SÜD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Jinko	JKS-6HLVS-HI	Hybrid PV inverter grid-tied	TÜV SÜD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Kehua	BCS50K-A	Battery based inverter grid-tied	TÜV SÜD	2022/09/22		64.290.22.30151.01	D 115067 0036 Rev.00		Yes	The energy storage inverter is not equipped with integrated network and system (NS) protection. External to the converter NS protection required with a City listed NS grid protection voltage and frequency relay and appropriately sized two in series contactors according to NRS 097-2-1 requirements and default settings.
Kehua	BCS100K-A	Battery based inverter grid-tied	TÜV SÜD	2022/09/22		64.290.22.30151.01	D 115067 0036 Rev.00		Yes	The energy storage inverter is not equipped with integrated network and system (NS) protection. External to the converter NS protection required with a City listed NS grid protection voltage and frequency relay and appropriately sized two in series contactors according to NRS 097-2-1 requirements and default settings.
Kehua	BCS250K-A	Battery based inverter grid-tied	TÜV SÜD	2022/09/22		64.290.22.30151.01	D 115067 0036 Rev.00		Yes	The energy storage inverter is not equipped with integrated network and system (NS) protection. External to the converter NS protection required with a City listed NS grid protection voltage and frequency relay and appropriately sized two in series contactors according to NRS 097-2-1 requirements and default settings.
Kehua	BCS500K-A	Battery based inverter grid-tied	TÜV SÜD	2022/09/22		64.290.22.30151.01	D 115067 0036 Rev.00		Yes	The energy storage inverter is not equipped with integrated network and system (NS) protection. External to the converter NS protection required with a City listed NS grid protection voltage and frequency relay and appropriately sized two in series contactors according to NRS 097-2-1 requirements and default settings.
Kodak	Kodak I3.0	Grid-tied PV inverter	Dekra	2019/12/10		6065813.50	6065813.01AOC	Yes		
Kodak	Kodak I3.6	Grid-tied PV inverter	Dekra	2019/12/10		6065813.50	6065813.01AOC	Yes		
Kodak	Kodak I4.6	Grid-tied PV inverter	Dekra	2019/12/10		6065813.50	6065813.01AOC	Yes		
Kodak	Kodak H3.0	Hybrid PV inverter grid-tied	TUV Rheinland	2019/12/17		50173405 002	AK 50454890 0001	Yes		
Kodak	Kodak H3.6	Hybrid PV inverter grid-tied	TUV Rheinland	2019/12/17		50173405 002	AK 50454890 0001	Yes		
Kodak	Kodak H4.6	Hybrid PV inverter grid-tied	TUV Rheinland	2019/12/17		50173405 002	AK 50454890 0001	Yes		
Koyoe	KY-1Hybrid-5k0-H	Hybrid PV inverter grid-tied	Intertek	2021/01/22		201102063GZU-001	CN-PV-210016		Yes	
Koyoe	KY-1Hybrid-5k0-H-A	Hybrid PV inverter grid-tied	Intertek	2021/06/21		210525156GZU-001	CN-PV-210154		Yes	
Koyoe	KY-EST06KH-A	Hybrid PV inverter grid-tied	TÜV NORD	2021/12/30		TRPVP04039/21E/09	COCPVP04039/21E-02		Yes	
Koyoe	KY-EST08KH-A	Hybrid PV inverter grid-tied	TÜV NORD	2021/12/30		TRPVP04039/21E/09	COCPVP04039/21E-02		Yes	
Koyoe	KY-EST10KH-A	Hybrid PV inverter grid-tied	TÜV NORD	2021/12/30		TRPVP04039/21E/09	COCPVP04039/21E-02		Yes	
Koyoe	KY-EST12KH-A	Hybrid PV inverter grid-tied	TÜV NORD	2021/12/30		TRPVP04039/21E/09	COCPVP04039/21E-02		Yes	
Koyoe	KY-EST15KH-A	Hybrid PV inverter grid-tied	TÜV NORD	2021/12/30		TRPVP04039/21E/09	COCPVP04039/21E-02		Yes	
Koyoe	KY-EST17KH-A	Hybrid PV inverter grid-tied	TÜV NORD	2021/12/30		TRPVP04039/21E/09	COCPVP04039/21E-02		Yes	
Koyoe	KY-EST20KH-A	Hybrid PV inverter grid-tied	TÜV NORD	2021/12/30		TRPVP04039/21E/09	COCPVP04039/21E-02		Yes	
Koyoe	KY-EST06KH	Hybrid PV inverter grid-tied	TÜV NORD	2021/10/15		TRPVP04039/21E/04	COCPVP04039/21E-01		Yes	
Koyoe	KY-EST08KH	Hybrid PV inverter grid-tied	TÜV NORD	2021/10/15		TRPVP04039/21E/04	COCPVP04039/21E-01		Yes	
Koyoe	KY-EST10KH	Hybrid PV inverter grid-tied	TÜV NORD	2021/10/15		TRPVP04039/21E/04	COCPVP04039/21E-01		Yes	
Koyoe	KY-EST12KH	Hybrid PV inverter grid-tied	TÜV NORD	2021/10/15		TRPVP04039/21E/04	COCPVP04039/21E-01		Yes	
Koyoe	KY-EST15KH	Hybrid PV inverter grid-tied	TÜV NORD	2021/10/15		TRPVP04039/21E/04	COCPVP04039/21E-01		Yes	
Koyoe	KY-EST17KH	Hybrid PV inverter grid-tied	TÜV NORD	2021/10/15		TRPVP04039/21E/04	COCPVP04039/21E-01		Yes	
Koyoe	KY-EST20KH	Hybrid PV inverter grid-tied	TÜV NORD	2021/10/15		TRPVP04039/21E/04	COCPVP04039/21E-01		Yes	
KSTAR	BluE-S 3680D	Hybrid PV inverter grid-tied	TÜV SÜD	2021/09/23		64.290.20.30989.03	D 075386 0136 Rev .02		Yes	
KSTAR	BluE-S 5000D	Hybrid PV inverter grid-tied	TÜV SÜD	2021/09/23		64.290.20.30989.03	D 075386 0136 Rev .02		Yes	
KSTAR	BluE-S 3680D-M1	Hybrid PV inverter grid-tied	TÜV SÜD	2021/09/23		64.290.20.30989.03	D 075386 0136 Rev .02		Yes	
KSTAR	BluE-S 5000D-M1	Hybrid PV inverter grid-tied	TÜV SÜD	2021/09/23		64.290.20.30989.03	D 075386 0136 Rev .02		Yes	
KSTAR	BluE-G 3000S	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	BluE-G 3000S-M1	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	BluE-G 3000D	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	BluE-G 3000D-M0	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	BluE-G 3000D-M1	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	BluE-G 3600D	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	BluE-G 3600D-M0	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	BluE-G 3600D-M1	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	BluE-G 4000D	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	BluE-G 4000D-M0	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	BluE-G 4000D-M1	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	BluE-G 4200D	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	BluE-G 4200D-M0	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	BluE-G 4200D-M1	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	BluE-G 4600D	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	BluE-G 4600D-M1	Grid-tied PV inverter	TÜV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
Lifelynk	Life3.5Hyb02	Hybrid PV inverter grid-tied	Dongguan Balun	2022/05/19		BL-DG2240044-B01	BL-DG2240044D01		Yes	
Lifelynk	Life3.3Hyb02	Hybrid PV inverter grid-tied	Dongguan Balun	2022/05/19		BL-DG2240044-B01	BL-DG2240044D01		Yes	
Livoltek	Hyper-2000	Hybrid PV inverter grid-tied	Dekra	2019/07/05		6055811 . 50	6055811.01AOC	Yes		
Livoltek	Hyper-3000	Hybrid PV inverter grid-tied	Dekra	2019/07/05		6055811 . 50	6055811.01AOC	Yes		
Livoltek	Hyper-3680	Hybrid PV inverter grid-tied	Dekra	2019/07/05		6055811 . 50	6055811.01AOC	Yes		
Livoltek	Hyper-4600	Hybrid PV inverter grid-tied	Dekra	2019/07/05		6055811 . 50	6055811.01AOC	Yes		
Livoltek	Hyper-5000	Hybrid PV inverter grid-tied	Dekra	2019/07/05		6055811 . 50	6055811.01AOC	Yes		
Livoltek	Retro-2000	Battery based inverter grid-tied	Dekra	2019/07/05		6055811 . 50	6055811.01AOC	Yes		
Livoltek	Retro-3000	Battery based inverter grid-tied	Dekra	2019/07/05		6055811 . 50	6055811.01AOC	Yes		
Livoltek	Retro-3680	Battery based inverter grid-tied	Dekra	2019/07/05		6055811 . 50	6055811.01AOC	Yes		
Livoltek	Retro-4600	Battery based inverter grid-tied	Dekra	2019/07/05		6055811 . 50	6055811.01AOC	Yes		
Livoltek	Retro-5000	Battery based inverter grid-tied	Dekra	2019/07/05		6055811 . 50	6055811.01AOC	Yes		
Lovato	PMVF 80	Network & system relay	TÜV SÜD	2020/10/28		TR-486879-82695-04 (Ed 01)	D 084111 Rev. 00	No	No	Network and system grid protection voltage and frequency relay only in accordance with DIN VDE 0124-100 and VDE-AR-N 4105:2018-11. Must be programmed ito NRS 097-2-1 or the applicable South African Grid Codes and may only be used in conjunction with approved NRS 097-2-1 type tested inverters on this list.
Lux Power	LXP 3K Hybrid	Hybrid PV inverter grid-tied	Intertek	2019/08/29		190624070GZU-001	CN-PV-190006	Yes		

Lux Power	LXP 4K Hybrid	Hybrid PV inverter grid-tied	Intertek	2019/08/29		190624070GZU-001	CN-PV-190006	Yes		
Lux Power	LXP 5K Hybrid	Hybrid PV inverter grid-tied	Intertek	2019/08/29		190624070GZU-001	CN-PV-190006	Yes		
Lux Power	LXP-LB-EU 8K	Hybrid PV inverter grid-tied	Intertek	2022/08/16		211111140GZU-001	CN-PV-220166		Yes	
Lux Power	LXP-LB-EU 10K	Hybrid PV inverter grid-tied	Intertek	2022/08/16		211111140GZU-001	CN-PV-220166		Yes	
Lux Power	LXP-LB-EU 12K	Hybrid PV inverter grid-tied	Intertek	2022/08/22		220630104GZU-001	CN-PV-220171		Yes	
Lux Power	SNA3000 WPV	Hybrid PV inverter grid-tied	Intertek	2023/05/31		230315003GZU-001	CN-PV-230280		Yes	
Lux Power	SNA4000 WPV	Hybrid PV inverter grid-tied	Intertek	2023/05/31		230315003GZU-001	CN-PV-230280		Yes	
Lux Power	SNA5000 WPV	Hybrid PV inverter grid-tied	Intertek	2023/05/31		230315003GZU-001	CN-PV-230280		Yes	
Lux Power	SNA6000 WPV	Hybrid PV inverter grid-tied	Intertek	2023/05/31		230315003GZU-001	CN-PV-230280		Yes	
Mecer	Mecer Sol-I-IS-10M	Hybrid PV inverter grid-tied	Bureau Veritas	2020/10/30		PVZA180904N057-R1	2088AP0923N001002	Yes		
Megarevo	R3KL1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/14		64.290.21.30686.01	D 115385 0001 Rev. 00		Yes	
Megarevo	R3K6L1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/14		64.290.21.30686.01	D 115385 0001 Rev. 00		Yes	
Megarevo	R4KL1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/14		64.290.21.30686.01	D 115385 0001 Rev. 00		Yes	
Megarevo	R4K6L1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/14		64.290.21.30686.01	D 115385 0001 Rev. 00		Yes	
Megarevo	R5KL1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/14		64.290.21.30686.01	D 115385 0001 Rev. 00		Yes	
Megarevo	R6KL1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/14		64.290.21.30686.01	D 115385 0001 Rev. 00		Yes	
Megarevo	R8KL1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/26		64.290.21.30836.01	D 115385 0002 Rev. 00		Yes	
Megarevo	MPS0030	Hybrid PV inverter grid-tied	TÜV NORD	2022/05/13		TRPVP11037/21E/01	COCPVP11037/21E-02		Yes	
Megarevo	MPS0050	Hybrid PV inverter grid-tied	TÜV NORD	2022/05/13		TRPVP11037/21E/01	COCPVP11037/21E-02		Yes	
Megarevo	MPS00100	Hybrid PV inverter grid-tied	TÜV NORD	2022/05/13		TRPVP11037/21E/01	COCPVP11037/21E-02		Yes	
Megarevo	MPS00150	Hybrid PV inverter grid-tied	TÜV NORD	2022/05/13		TRPVP11037/21E/01	COCPVP11037/21E-02		Yes	
Megarevo	MPS00250	Hybrid PV inverter grid-tied	TUV Rheinland	2023/01/12		CN229F6J 001	AK 50571114 0001		Yes	
Megarevo	MPS00500	Hybrid PV inverter grid-tied	TUV Rheinland	2023/01/12		CN229F6J 001	AK 50571114 0001		Yes	
Midea	ME-HS8L	Hybrid PV inverter grid-tied	TÜV SÜD	2023/04/26		64.290.23.30325.01	D 072433 1250 Rev. 00		Yes	
Midea	ME-HS5L-A	Hybrid PV inverter grid-tied	TUV Rheinland	2023/06/26		CN239SFN 001	AK 50590262 0001		Yes	Applicant requirements: List Model ME-HS5L-A only.
Neovolt	BW-INV-SPH3.6K	Hybrid PV inverter grid-tied	Intertek	2023/03/27		221215057GZU-006	CN-PV-230121		Yes	
Neovolt	BW-INV-SPH5K	Hybrid PV inverter grid-tied	Intertek	2023/03/27		221215057GZU-006	CN-PV-230121		Yes	
Neovolt	BW-INV-SPB5K	Battery based inverter grid-tied	Intertek	2023/03/27		221215057GZU-006	CN-PV-230121		Yes	
Ofstar	VEN5KHB-D1	Hybrid PV inverter grid-tied	TÜV SÜD	2023/10/20		64.290.23.31437.01	D122465 0001 Rev. 00		Yes	
Ofstar	VEN8KHB-D1	Hybrid PV inverter grid-tied	TÜV SÜD	2023/10/09		64.290.23.31438.01	D122465 0002 Rev. 00		Yes	
Ohm	OHM-8K-W	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/02/26		BL-SZ1910095-B02	BL-SZ1910095-D02	Yes		
Ohm	OHM-7.6K-W	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/02/26		BL-SZ1910095-B02	BL-SZ1910095-D02	Yes		
Ohm	OHM-6K-W	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/02/26		BL-SZ1910095-B02	BL-SZ1910095-D02	Yes		
Ohm	OHM-5K-W	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/02/26		BL-SZ1910095-B02	BL-SZ1910095-D02	Yes		
Ohm	OHM-3.6K-W	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/02/26		BL-SZ1910095-B02	BL-SZ1910095-D02	Yes		
Onesto	OST 4600HB-60	Hybrid PV inverter grid-tied	TUV Rheinland	2023/05/11		CN23UTJN 001	AK 50580973 0001		Yes	
Onesto	OST 5000HB-60	Hybrid PV inverter grid-tied	TUV Rheinland	2023/05/11		CN23UTJN 001	AK 50580973 0001		Yes	
Onesto	OST 6000HB-60	Hybrid PV inverter grid-tied	TUV Rheinland	2023/05/11		CN23UTJN 001	AK 50580973 0001		Yes	
Onesto	OST 4600HB-120	Hybrid PV inverter grid-tied	TUV Rheinland	2023/05/11		CN23UTJN 001	AK 50580973 0001		Yes	
Onesto	OST 5000HB-120	Hybrid PV inverter grid-tied	TUV Rheinland	2023/05/11		CN23UTJN 001	AK 50580973 0001		Yes	
Onesto	OST 6000HB-120	Hybrid PV inverter grid-tied	TUV Rheinland	2023/05/11		CN23UTJN 001	AK 50580973 0001		Yes	
Onesto	OST 4K6AC	Battery based inverter grid-tied	TUV Rheinland	2023/05/11		CN23UTJN 001	AK 50580973 0001		Yes	
Onesto	OST 5KAC	Battery based inverter grid-tied	TUV Rheinland	2023/05/11		CN23UTJN 001	AK 50580973 0001		Yes	
Onesto	OST 6KAC	Battery based inverter grid-tied	TUV Rheinland	2023/05/11		CN23UTJN 001	AK 50580973 0001		Yes	
Ouco	M3KES	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/25		64.290.22.30047.01	D 115420 0001 Rev.00		Yes	
Ouco	M3K6ES	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/25		64.290.22.30047.01	D 115420 0001 Rev.00		Yes	
Ouco	M4KES	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/25		64.290.22.30047.01	D 115420 0001 Rev.00		Yes	
Ouco	M4K6ES	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/25		64.290.22.30047.01	D 115420 0001 Rev.00		Yes	
Ouco	M5KES	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/25		64.290.22.30047.01	D 115420 0001 Rev.00		Yes	
Ouco	M6KES	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/25		64.290.22.30047.01	D 115420 0001 Rev.00		Yes	
Ouco	M8KDS	Hybrid PV inverter grid-tied	TÜV SÜD	2022/01/27		64.290.22.30048.01	D 115420 0002 Rev.00		Yes	
Powercent	PC-INV-SPH3.6K	Hybrid PV inverter grid-tied	Intertek	2023/08/02		230501592SHA-001, 230501592SHA-001 Revision 1	CN-PV-230318R1		Yes	
Powercent	PC-INV-SPH5K	Hybrid PV inverter grid-tied	Intertek	2023/08/02		230501592SHA-001, 230501592SHA-001 Revision 1	CN-PV-230318R1		Yes	
Powercent	PC-INV-SPB5K	Hybrid PV inverter grid-tied	Intertek	2023/08/02		230501592SHA-001, 230501592SHA-001 Revision 1	CN-PV-230318R1		Yes	
Powertannk	GH-3KHL	Hybrid PV inverter grid-tied	TÜV SÜD	2022/11/11		64.290.22.31476.01	D 110578 0002 Rev.00		Yes	
Powertannk	GH-3K6HL	Hybrid PV inverter grid-tied	TÜV SÜD	2022/11/11		64.290.22.31476.01	D 110578 0002 Rev.00		Yes	
Powertannk	GH-4KHL	Hybrid PV inverter grid-tied	TÜV SÜD	2022/11/11		64.290.22.31476.01	D 110578 0002 Rev.00		Yes	
Powertannk	GH-4K6HL	Hybrid PV inverter grid-tied	TÜV SÜD	2022/11/11		64.290.22.31476.01	D 110578 0002 Rev.00		Yes	
Powertannk	GH-5KHL	Hybrid PV inverter grid-tied	TÜV SÜD	2022/11/11		64.290.22.31476.01	D 110578 0002 Rev.00		Yes	
Powertannk	GH-6KHL	Hybrid PV inverter grid-tied	TÜV SÜD	2022/11/11		64.290.22.31476.01	D 110578 0002 Rev.00		Yes	
Rentech	HYD 3000-EP	Hybrid PV inverter grid-tied	Intertek	2020/12/22		201207035GZU-001	CN-PV-200172	Yes		
Rentech	HYD 3680-EP	Hybrid PV inverter grid-tied	Intertek	2020/12/22		201207035GZU-001	CN-PV-200172	Yes		
Rentech	HYD 4000-EP	Hybrid PV inverter grid-tied	Intertek	2020/12/22		201207035GZU-001	CN-PV-200172	Yes		
Rentech	HYD 4600-EP	Hybrid PV inverter grid-tied	Intertek	2020/12/22		201207035GZU-001	CN-PV-200172	Yes		
Rentech	HYD 5000-EP	Hybrid PV inverter grid-tied	Intertek	2020/12/22		201207035GZU-001	CN-PV-200172	Yes		
Rentech	HYD 5500-EP	Hybrid PV inverter grid-tied	Intertek	2020/12/22		201207035GZU-001	CN-PV-200172	Yes		
Rentech	HYD 6000-EP	Hybrid PV inverter grid-tied	Intertek	2020/12/22		201207035GZU-001	CN-PV-200172	Yes		
Rentech	INFINISOLAR PLUS 5 kW	Hybrid PV inverter grid-tied	Bureau Veritas	2021/02/20		PVZA2101WDG0269	2188AP0269001		Yes	
Royel	RH 3.6K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		2305A0674SHA-001	CN-PV-230383		Yes	
Royel	RH 4K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		2305A0674SHA-001	CN-PV-230383		Yes	
Royel	RH 4.6K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		2305A0674SHA-001	CN-PV-230383		Yes	
Royel	RH 5K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		2305A0674SHA-001	CN-PV-230383		Yes	
Royel	RH 6K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		2305A0674SHA-001	CN-PV-230383		Yes	
Royel	RH 7K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		221102934SHA-004	CN-PV-230379		Yes	
Royel	RH 8K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		221102934SHA-004	CN-PV-230379		Yes	
Royel	RH 9K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		221102934SHA-004	CN-PV-230379		Yes	
Royel	RH 10K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		221102934SHA-004	CN-PV-230379		Yes	
RoyPow	SUN3600S-SE	Hybrid PV inverter grid-tied	TÜV SÜD	2023/06/29		64.290.23.30701.01	D 117120 0005 Rev.00		Yes	
RoyPow	SUN4600S-SE	Hybrid PV inverter grid-tied	TÜV SÜD	2023/06/29		64.290.23.30701.01	D 117120 0005 Rev.00		Yes	
RoyPow	SUN5000S-SE	Hybrid PV inverter grid-tied	TÜV SÜD	2023/06/29		64.290.23.30701.01	D 117120 0005 Rev.00		Yes	
RoyPow	SUN6000S-SE	Hybrid PV inverter grid-tied	TÜV SÜD	2023/06/29		64.290.23.30701.01	D 117120 0005 Rev.00		Yes	
SAJ	H1-3K-S2	Hybrid PV inverter grid-tied	TÜV SÜD	2022/11/18		64.290.20.30788.02	D 077831 0019 Rev.01		Yes	
SAJ	H1-3.6K-S2	Hybrid PV inverter grid-tied	TÜV SÜD	2022/11/18		64.290.20.30788.02	D 077831 0019 Rev.01		Yes	
SAJ	H1-4K-S2	Hybrid PV inverter grid-tied	TÜV SÜD	2022/11/18		64.290.20.30788.02	D 077831 0019 Rev.01		Yes	
SAJ	H1-4.6K-LS2	Hybrid PV inverter grid-tied	TÜV SÜD	2022/11/18		64.290.20.30788.02	D 077831 0019 Rev.01		Yes	
SAJ	H1-5K-LS2	Hybrid PV inverter grid-tied	TÜV SÜD	2022/11/18		64.290.20.30788.02	D 077831 0019 Rev.01		Yes	
SAJ	H1-4.6K-S2	Hybrid PV inverter grid-tied	TÜV SÜD	2022/11/18		64.290.20.30788.02	D 077831 0019 Rev.01		Yes	
SAJ	H1-5K-S2	Hybrid PV inverter grid-tied	TÜV SÜD	2022/11/18		64.290.20.30788.02	D 077831 0019 Rev.01		Yes	

Salvare	Salvare 8 PRO	Hybrid PV inverter grid-tied	TÜV SÜD	2023/11/10		64.290.23.31727.01	D 123264 0001 Rev.00		Yes	
Salvare	Salvare 10 PRO	Hybrid PV inverter grid-tied	TÜV SÜD	2023/11/10		64.290.23.31727.01	D 123264 0001 Rev.00		Yes	
Schneider	Conext CL-60E	Grid-tied PV inverter	TÜV SÜD	2018/02/09		701261703501-01	D 18 01 98208 006	Yes		
Schneider	XW+8548E	Battery based inverter grid-tied	TUV Rheinland	2020/08/11		50328684 002	AK 50477341 0001	Yes		
Schneider	CL 33	Grid-tied PV inverter	TÜV NORD & Shenzhen Balun	2021/02/09		TRPVP11115/20B/01_R2	COCPVP11115/20B_R1	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Schneider	CL50	Grid-tied PV inverter	TÜV NORD & Shenzhen Balun	2021/02/09		TRPVP11115/20B/01_R2	COCPVP11115/20B_R1	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sermatec	SMT-5K-TL-LV	Hybrid PV inverter grid-tied	TÜV SÜD	2019/06/25		64.290.19.01426.01	D 102650 0007	Yes		
Sermatec	SMT-10K-TL-TH	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/25		64.290.18.04743.01	D 102650 0009	Yes		
Sigenergy	SigenStor EC 3.0 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19		CN23Q55Z 001	AK 50598929 0001		Yes	
Sigenergy	SigenStor EC 3.6 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19		CN23Q55Z 001	AK 50598929 0001		Yes	
Sigenergy	SigenStor EC 4.0 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19		CN23Q55Z 001	AK 50598929 0001		Yes	
Sigenergy	SigenStor EC 4.6 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19		CN23Q55Z 001	AK 50598929 0001		Yes	
Sigenergy	SigenStor EC 5.0 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19		CN23Q55Z 001	AK 50598929 0001		Yes	
Sigenergy	SigenStor EC 6.0 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19		CN23Q55Z 001	AK 50598929 0001		Yes	
Sineng	SP-120K-BL	Grid-tied PV inverter	TÜV SÜD	2022/12/28		70.409.22.302.06-00 A1	D 091566 0040 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sineng	SP-120K-L	Grid-tied PV inverter	TÜV SÜD	2022/12/28		70.409.22.302.06-00 A1	D 091566 0040 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sinexcel	PWG2-50K-EX	Hybrid PV inverter grid-tied	TÜV SÜD	2021/09/10		64.290.21.30201.02	D 076777 0016 Rev. 01		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA. Inverter not equipped with an internal disconnection device and an external City listed network and system grid protection voltage and frequency relay must be provided with appropriately sized electromechanical switches.
Sinexcel	PWG2-100K-EX	Hybrid PV inverter grid-tied	TÜV SÜD	2021/09/10		64.290.21.30201.02	D 076777 0016 Rev. 01		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA. Inverter not equipped with an internal disconnection device and an external City listed network and system grid protection voltage and frequency relay must be provided with appropriately sized electromechanical switches.
SMA	STP50-40	Grid-tied PV inverter	Bureau Veritas	2023/03/08		17TH0199-NRS 097-2-1_4	U23-0185		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
SMA	STP50-41	Grid-tied PV inverter	Bureau Veritas	2023/03/08		17TH0199-NRS 097-2-1_4	U23-0185		Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
SMA	STP60-10	Grid-tied PV inverter	Bureau Veritas	2018/09/26		14TH0075-NRS 097-2-1_3	U18-0451	Yes		Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
SMA	SHP75-10	Grid-tied PV inverter	Bureau Veritas	2018/09/26		14TH0075-NRS 097-2-1_3	U18-0451	Yes		Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
SMA	STPS 60-10	Hybrid PV inverter grid-tied	Bureau Veritas	2018/09/26		14TH0075-NRS 097-2-1_3	U18-0451	Yes		Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
SMA	SB3.0-1AV-41	Grid-tied PV inverter	Bureau Veritas	2023/01/20		16TH0348-NRS 097-2-1_1	U23-0041		Yes	
SMA	SB3.6-1AV-41	Grid-tied PV inverter	Bureau Veritas	2023/01/20		16TH0348-NRS 097-2-1_1	U23-0041		Yes	
SMA	SB4.0-1AV-41	Grid-tied PV inverter	Bureau Veritas	2023/01/20		16TH0348-NRS 097-2-1_1	U23-0041		Yes	
SMA	SB5.0-1AV-41	Grid-tied PV inverter	Bureau Veritas	2023/01/20		16TH0348-NRS 097-2-1_1	U23-0041		Yes	
SMA	SB6.0-1AV-41	Grid-tied PV inverter	Bureau Veritas	2023/01/20		16TH0348-NRS 097-2-1_1	U23-0041		Yes	
SMA	STP 15000TL-30	Grid-tied PV inverter	Bureau Veritas	2020/08/13		14TH0304-NRS 097-2-1-2017_0	U20-0641		Yes	
SMA	STP 20000TL-30	Grid-tied PV inverter	Bureau Veritas	2020/08/13		14TH0304-NRS 097-2-1-2017_0	U20-0641		Yes	
SMA	STP 25000TL-30	Grid-tied PV inverter	Bureau Veritas	2020/08/13		14TH0304-NRS 097-2-1-2017_0	U20-0641		Yes	
SMA	STP 110-60	Grid-tied PV inverter	TÜV SÜD	2021/01/21		704092001861-00	D 0701220019 Rev. 00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
SMA	STP3.0-3AV-40	Grid-tied PV inverter	Bureau Veritas	2021/07/14		18TH0325-NRS-2-1_0	U21-0661		Yes	
SMA	STP4.0-3AV-40	Grid-tied PV inverter	Bureau Veritas	2021/07/14		18TH0325-NRS-2-1_0	U21-0661		Yes	
SMA	STP5.0-3AV-40	Grid-tied PV inverter	Bureau Veritas	2021/07/14		18TH0325-NRS-2-1_0	U21-0661		Yes	
SMA	STP6.0-3AV-40	Grid-tied PV inverter	Bureau Veritas	2021/07/14		18TH0325-NRS-2-1_0	U21-0661		Yes	
SMA	STP8.0-3AV-40	Grid-tied PV inverter	Bureau Veritas	2021/07/14		18TH0325-NRS-2-1_0	U21-0661		Yes	
SMA	STP10.0-3AV-40	Grid-tied PV inverter	Bureau Veritas	2021/07/14		18TH0325-NRS-2-1_0	U21-0661		Yes	
SMA	STP5.0-3SE-40	Hybrid PV inverter grid-tied	TUV Rheinland	2022/02/21		CN210918 001	AK 50510847 0001		Yes	
SMA	STP6.0-3SE-40	Hybrid PV inverter grid-tied	TUV Rheinland	2022/02/21		CN210918 001	AK 50510847 0001		Yes	
SMA	STP8.0-3SE-40	Hybrid PV inverter grid-tied	TUV Rheinland	2022/02/21		CN210918 001	AK 50510847 0001		Yes	
SMA	STP10.0-3SE-40	Hybrid PV inverter grid-tied	TUV Rheinland	2022/02/21		CN210918 001	AK 50510847 0001		Yes	
SMA	STP12-50	Grid-tied PV inverter	TÜV SÜD	2023/04/03		713254379-006	ESY 070122 0044 Rev.00		Yes	
SMA	STP15-50	Grid-tied PV inverter	TÜV SÜD	2023/04/03		713254379-006	ESY 070122 0044 Rev.00		Yes	
SMA	STP20-50	Grid-tied PV inverter	TÜV SÜD	2023/04/03		713254379-006	ESY 070122 0044 Rev.00		Yes	
SMA	STP25-50	Grid-tied PV inverter	TÜV SÜD	2023/04/03		713254379-006	ESY 070122 0044 Rev.00		Yes	
SMA	SI4.4M-13	Battery based inverter grid-tied	Bureau Veritas	2023/08/16		13TH0287-NRS-2-1_1	U23-0695		Yes	
SMA	SI6.0M-13	Battery based inverter grid-tied	Bureau Veritas	2023/08/16		13TH0287-NRS-2-1_1	U23-0695		Yes	
SMA	SI8.0M-13	Battery based inverter grid-tied	Bureau Veritas	2023/08/16		13TH0287-NRS-2-1_1	U23-0695		Yes	
Sofar Solar	HYD 6000-ES	Hybrid PV inverter grid-tied	Intertek	2019/07/16		190603089GZU-001	190603089GZU-001	Yes		
Sofar Solar	HYD 5000-ES	Hybrid PV inverter grid-tied	Intertek	2019/07/16		190603089GZU-001	190603089GZU-001	Yes		
Sofar Solar	HYD 4000-ES	Hybrid PV inverter grid-tied	Intertek	2019/07/16		190603089GZU-001	190603089GZU-001	Yes		
Sofar Solar	HYD 3600-ES	Hybrid PV inverter grid-tied	Intertek	2019/07/16		190603089GZU-001	190603089GZU-001	Yes		
Sofar Solar	HYD 3000-ES	Hybrid PV inverter grid-tied	Intertek	2019/07/16		190603089GZU-001	190603089GZU-001	Yes		
Sofar Solar	60000TL	Grid-tied PV inverter	Intertek	2019/12/19		191025090GZU-001	CN-PV-190090	Yes		
Sofar Solar	50000TL	Grid-tied PV inverter	Intertek	2019/12/19		191025090GZU-001	CN-PV-190090	Yes		
Sofar Solar	HYD 5KTL-3PH	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/07/10		BL-DG2060517-B01	BL-DG2060517D01	Yes		
Sofar Solar	HYD 6KTL-3PH	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/07/10		BL-DG2060517-B01	BL-DG2060517D01	Yes		
Sofar Solar	HYD 8KTL-3PH	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/07/10		BL-DG2060517-B01	BL-DG2060517D01	Yes		
Sofar Solar	HYD 10KTL-3PH	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/07/10		BL-DG2060517-B01	BL-DG2060517D01	Yes		
Sofar Solar	HYD 15KTL-3PH	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/07/10		BL-DG2060517-B01	BL-DG2060517D01	Yes		
Sofar Solar	HYD 20KTL-3PH	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/07/10		BL-DG2060517-B01	BL-DG2060517D01	Yes		
Sofar Solar	3KTLM-G3	Grid-tied PV inverter	Intertek	2021/08/09		210715145GZU-002	CN-PV-210185		Yes	
Sofar Solar	3.6KTLM-G3	Grid-tied PV inverter	Intertek	2021/08/09		210715145GZU-002	CN-PV-210185		Yes	
Sofar Solar	4KTLM-G3	Grid-tied PV inverter	Intertek	2021/08/09		210715145GZU-002	CN-PV-210185		Yes	
Sofar Solar	4.6KTLM-G3	Grid-tied PV inverter	Intertek	2021/08/09		210715145GZU-002	CN-PV-210185		Yes	
Sofar Solar	5KTLM-G3	Grid-tied PV inverter	Intertek	2021/08/09		210715145GZU-002	CN-PV-210185		Yes	
Sofar Solar	5KTLM-G3-A	Grid-tied PV inverter	Intertek	2021/08/09		210715145GZU-002	CN-PV-210185		Yes	
Sofar Solar	6KTLM-G3	Grid-tied PV inverter	Intertek	2021/08/09		210715145GZU-002	CN-PV-210185		Yes	
SolarEdge	SE25K	Grid-tied PV inverter	Bureau Veritas	2020/12/19		19TH0534-NRS 097-2-1_2	U20-1043		Yes	Grid connection inverter for 230 V, L-N / 400Vac, L-L output only and is intended with and without AC transformer for Category A2 and A3 plant.

SolarEdge	SE27.6K	Grid-tied PV inverter	Bureau Veritas	2020/12/19		19TH0534-NRS 097-2-1_2	U20-1043		Yes	Grid connection inverter for 230 V, L-N / 400Vac, L-L output only and is intended with and without AC transformer for Category A2 and A3 plant.
SolarEdge	SE30K	Grid-tied PV inverter	Bureau Veritas	2020/12/19		19TH0534-NRS 097-2-1_2	U20-1043		Yes	For 277 Vac L-N / 480 Vac L-L grid, inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer. Grid connection inverter with 230 V, L-N / 400Vac, L-L output is intended with and without AC transformer for Category A2 and A3 plant.
SolarEdge	SE33.3K	Grid-tied PV inverter	Bureau Veritas	2020/12/19		19TH0534-NRS 097-2-1_2	U20-1043		Yes	For 277 Vac L-N / 480 Vac L-L grid, inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer. Grid connection inverter with 230 V, L-N / 400Vac, L-L output is intended with and without AC transformer for Category A2 and A3 plant.
SolarEdge	SE40K	Grid-tied PV inverter	Bureau Veritas	2020/12/19		19TH0534-NRS 097-2-1_2	U20-1043		Yes	For for both 230 V, L-N / 400Vac, L-L and 277 Vac L-N / 480 Vac L-L output, inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
SolarEdge	SE50K	Grid-tied PV inverter	Bureau Veritas	2021/06/07		20TH0532-NRS 097-2-1_0	U21-0499		Yes	Grid connection inverter for 230 V, L-N / 400Vac, L-L output only and is intended with and without AC transformer for Category A2 and A3 plant.
SolarEdge	SE55K	Grid-tied PV inverter	Bureau Veritas	2021/06/07		20TH0532-NRS 097-2-1_0	U21-0499		Yes	Grid connection inverter for 230 V, L-N / 400Vac, L-L output only and is intended with and without AC transformer for Category A2 and A3 plant.
SolarEdge	SE66.6K	Grid-tied PV inverter	Bureau Veritas	2021/06/07		20TH0532-NRS 097-2-1_0	U21-0499		Yes	Grid connection inverter for 230 V, L-N / 400Vac, L-L output only and is intended with and without AC transformer for Category A2 and A3 plant.
SolarEdge	SE82.8K	Grid-tied PV inverter	Bureau Veritas	2021/06/07		20TH0532-NRS 097-2-1_0	U21-0499		Yes	Grid connection inverter for 230 V, L-N / 400Vac, L-L output only and is intended with and without AC transformer for Category A2 and A3 plant.
SolarEdge	SE100K	Grid-tied PV inverter	Bureau Veritas	2021/06/07		20TH0532-NRS 097-2-1_0	U21-0499		Yes	Grid connection inverter for 230 V, L-N / 400Vac, L-L output only and is intended with and without AC transformer for Category A2 and A3 plant.
SolarEdge	SE66.6K*	Grid-tied PV inverter	Bureau Veritas	2021/06/07		20TH0532-NRS 097-2-1_0	U21-0499		Yes	Model with AC output voltage 277 Vac L-N / 480 Vac L-L, is intended for grid connection with an external customer MV/LV AC transformer and only for plants with Category A3: 100 kVA - 1MVA.
SolarEdge	SE80K*	Grid-tied PV inverter	Bureau Veritas	2021/06/07		20TH0532-NRS 097-2-1_0	U21-0499		Yes	For for both 230 V, L-N / 400Vac, L-L and 277 Vac L-N / 480 Vac L-L output, inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
SolarEdge	SE120K*	Grid-tied PV inverter	Bureau Veritas	2021/06/07		20TH0532-NRS 097-2-1_0	U21-0499		Yes	For for both 230 V, L-N / 400Vac, L-L and 277 Vac L-N / 480 Vac L-L output, inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
SolarEdge	SE75K	Grid-tied PV inverter	Bureau Veritas	2021/04/01		17TH0209-NRS 097-2-1_2	U21-0295		Yes	
SolarEdge	SE 2200H	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/23		16TH0371-NRS 097-2-1_3	U23-0587_1		Yes	
SolarEdge	SE 4000H	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/23		16TH0371-NRS 097-2-1_3	U23-0587_1		Yes	
SolarEdge	SE 5000H	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/23		16TH0371-NRS 097-2-1_3	U23-0587_1		Yes	
SolarEdge	SE 6000H	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/23		16TH0371-NRS 097-2-1_3	U23-0587_1		Yes	
SolarEdge	SE 8000H	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/23		16TH0371-NRS 097-2-1_3	U23-0587_1		Yes	
SolarEdge	SE 10000H	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/23		16TH0371-NRS 097-2-1_3	U23-0587_1		Yes	
SolarEdge	SE3K	Grid-tied PV inverter	TÜV SÜD	2021/09/03		713224660_000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE4K	Grid-tied PV inverter	TÜV SÜD	2021/09/03		713224660_000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE5K	Grid-tied PV inverter	TÜV SÜD	2021/09/03		713224660_000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE6K	Grid-tied PV inverter	TÜV SÜD	2021/09/03		713224660_000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE7K	Grid-tied PV inverter	TÜV SÜD	2021/09/03		713224660_000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE8K	Grid-tied PV inverter	TÜV SÜD	2021/09/03		713224660_000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE9K	Grid-tied PV inverter	TÜV SÜD	2021/09/03		713224660_000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE10K	Grid-tied PV inverter	TÜV SÜD	2021/09/03		713224660_000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE12.5K	Grid-tied PV inverter	TÜV SÜD	2021/09/03		713224660_000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE15K	Grid-tied PV inverter	TÜV SÜD	2021/09/03		713224660_000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE16K	Grid-tied PV inverter	TÜV SÜD	2021/09/03		713224660_000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE17K	Grid-tied PV inverter	TÜV SÜD	2021/09/03		713224660_000	D 082496 0022 Rev.00		Yes	
SolaX Power	SK-TL 3000 E/E-S/C/C-S/R/R-S	Grid-tied PV inverter	TÜV SÜD	2018/03/29		70.409.18.010.02-00	D 18 03 85769 043	Yes		
SolaX Power	SK-TL 3700 E/C/R	Grid-tied PV inverter	TÜV SÜD	2018/03/29		70.409.18.010.02-00	D 18 03 85769 043	Yes		
SolaX Power	SK-TL 5000 E/C/R	Grid-tied PV inverter	TÜV SÜD	2018/03/29		70.409.18.010.02-00	D 18 03 85769 043	Yes		
SolaX Power	SK-SU3000 E/E-S/C/C-S	Grid-tied PV inverter	TÜV SÜD	2018/03/29		70.409.18.010.02-00	D 18 03 85769 043	Yes		
SolaX Power	SK-SU3700 E/C	Grid-tied PV inverter	TÜV SÜD	2018/03/29		70.409.18.010.02-00	D 18 03 85769 043	Yes		
SolaX Power	SK-SU5000 E/C	Grid-tied PV inverter	TÜV SÜD	2018/03/29		70.409.18.010.02-00	D 18 03 85769 043	Yes		
SolaX Power	X3-30.0-T-N	Grid-tied PV inverter	TÜV SÜD	2017/08/04		70.409.17.128.02-01	D 17 08 85769 026	Yes		
SolaX Power	X3-30.0-T-D	Grid-tied PV inverter	TÜV SÜD	2017/08/04		70.409.17.128.02-01	D 17 08 85769 026	Yes		
SolaX Power	X3-36.0-T-N	Grid-tied PV inverter	TÜV SÜD	2017/08/04		70.409.17.128.02-01	D 17 08 85769 026	Yes		
SolaX Power	X3-36.0-T-D	Grid-tied PV inverter	TÜV SÜD	2017/08/04		70.409.17.128.02-01	D 17 08 85769 026	Yes		
SolaX Power	X1-Hybrid-5.0-D-E	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-5.0-N-E	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-4.6-D-E	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-4.6-N-E	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-3.7-D-E	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-3.7-N-E	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-3.0-D-E	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-3.0-N-E	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-5.0-D-C	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-5.0-N-C	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-4.6-D-C	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-4.6-N-C	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-3.7-D-C	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-3.7-N-C	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-3.0-D-C	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-3.0-N-C	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-5.0-D-I	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-5.0-N-I	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-4.6-D-I	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-4.6-N-I	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-3.7-D-I	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		

SolaX Power	X1-Hybrid-3.7-N-I	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-3.0-D-I	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Hybrid-3.0-N-I	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Fit-3.7C	Grid-tied PV inverter	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Fit-3.7E	Grid-tied PV inverter	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Fit-3.7I	Grid-tied PV inverter	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Fit-4.6C	Grid-tied PV inverter	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Fit-4.6E	Grid-tied PV inverter	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Fit-4.6I	Grid-tied PV inverter	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Fit-5.0C	Grid-tied PV inverter	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Fit-5.0E	Grid-tied PV inverter	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X1-Fit-5.0I	Grid-tied PV inverter	TÜV SÜD	2019/07/31		70.409.19.191.01-00	D 08576900055	Yes		
SolaX Power	X3-Hybrid-5.0-D-C	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Hybrid-5.0-N-C	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Hybrid-5.0-D-E	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Hybrid-5.0-N-E	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Hybrid-6.0-D-C	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Hybrid-6.0-N-C	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Hybrid-6.0-D-E	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Hybrid-6.0-N-E	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Hybrid-8.0-D-C	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Hybrid-8.0-N-C	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Hybrid-8.0-D-E	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Hybrid-8.0-N-E	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Hybrid-10.0-D-C	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Hybrid-10.0-N-C	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Hybrid-10.0-D-E	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Hybrid-10.0-N-E	Hybrid PV inverter grid-tied	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Fit-8.0C	Grid-tied PV inverter	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Fit-8.0E	Grid-tied PV inverter	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Fit-10.0C	Grid-tied PV inverter	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X3-Fit-10.0E	Grid-tied PV inverter	Bureau Veritas	2018/10/18		SXP-18SE2165FCSHP	U18-0570	Yes		Not intended for the use in plants > 100kVA
SolaX Power	X1-Hybrid -x-y	Hybrid PV inverter grid-tied	TUV Rheinland	2021/07/30		CN21BCU1 002	AK 50510554 0001		Yes	x=3.0, 3.7, 5.0, 6.0, 7.5; y=D or M; z=M or W
SolaX Power	X1-Fit -x-z	Hybrid PV inverter grid-tied	TUV Rheinland	2021/07/30		CN21BCU1 002	AK 50510554 0001		Yes	x=3.0, 3.7, 5.0, 6.0, 7.5; y=D or M; z=M or W
SolaX Power	X3-Hybrid -x-y	Hybrid PV inverter grid-tied	TUV Rheinland	2021/07/29		CN21QAQJ 002	AK 50510555 0001		Yes	x=5.0, 6.0, 8.0, 10.0, 12.0, 15.0; v=6.0, 8.0, 10.0, 15.0; y=D or M; z=M or W
SolaX Power	X3-Fit -v-z	Hybrid PV inverter grid-tied	TUV Rheinland	2021/07/29		CN21QAQJ 002	AK 50510555 0001		Yes	x=5.0, 6.0, 8.0, 10.0, 12.0, 15.0; v=6.0, 8.0, 10.0, 15.0; y=D or M; z=M or W
Solinteg	MHT-4K-25	Hybrid PV inverter grid-tied	Huachuang Technology	2023/03/23		220422BW002-EG-ZA-001-R1	220422BW002-EG-ZA-C001-R1		Yes	
Solinteg	MHT-5K-25	Hybrid PV inverter grid-tied	Huachuang Technology	2023/03/23		220422BW002-EG-ZA-001-R1	R1		Yes	
Solinteg	MHT-6K-25	Hybrid PV inverter grid-tied	Huachuang Technology	2023/03/23		220422BW002-EG-ZA-001-R1	R1		Yes	
Solinteg	MHT-8K-25	Hybrid PV inverter grid-tied	Huachuang Technology	2023/03/23		220422BW002-EG-ZA-001-R1	R1		Yes	
Solinteg	MHT-10K-25	Hybrid PV inverter grid-tied	Huachuang Technology	2023/03/23		220422BW002-EG-ZA-001-R1	R1		Yes	
Solinteg	MHT-12K-25	Hybrid PV inverter grid-tied	Huachuang Technology	2023/03/23		220422BW002-EG-ZA-001-R1	R1		Yes	
Solinteg	MHT-10K-40	Hybrid PV inverter grid-tied	Huachuang Technology	2023/03/23		220422BW002-EG-ZA-001-R1	220422BW002-EG-ZA-C001-		Yes	
Solinteg	MHT-12K-40	Hybrid PV inverter grid-tied	Huachuang Technology	2023/03/23		220422BW002-EG-ZA-001-R1	R1		Yes	
Solinteg	MHT-15K-40	Hybrid PV inverter grid-tied	Huachuang Technology	2023/03/23		220422BW002-EG-ZA-001-R1	R1		Yes	
Solinteg	MHT-20K-40	Hybrid PV inverter grid-tied	Huachuang Technology	2023/03/23		220422BW002-EG-ZA-001-R1	220422BW002-EG-ZA-C001-		Yes	
Solinteg	MHS-3K-30	Hybrid PV inverter grid-tied	Huachuang Technology	2023/05/17		221114BWA134-EG-ZA-001	221114BWA134-EG-ZA-C001		Yes	
Solinteg	MHS-3.6K-30	Hybrid PV inverter grid-tied	Huachuang Technology	2023/05/17		221114BWA134-EG-ZA-001	221114BWA134-EG-ZA-C001		Yes	
Solinteg	MHS-4.2K-30	Hybrid PV inverter grid-tied	Huachuang Technology	2023/05/17		221114BWA134-EG-ZA-001	221114BWA134-EG-ZA-C001		Yes	
Solinteg	MHS-5K-30	Hybrid PV inverter grid-tied	Huachuang Technology	2023/05/17		221114BWA134-EG-ZA-001	221114BWA134-EG-ZA-C001		Yes	
Solinteg	MHS-6K-30	Hybrid PV inverter grid-tied	Huachuang Technology	2023/05/17		221114BWA134-EG-ZA-001	221114BWA134-EG-ZA-C001		Yes	
Solinteg	MHS-8K-30	Hybrid PV inverter grid-tied	Huachuang Technology	2023/05/17		221114BWA134-EG-ZA-001	221114BWA134-EG-ZA-C001		Yes	
Solinteg	MHT-25K-100	Hybrid PV inverter grid-tied	Lyns-TCI Tech	2023/08/10		230331BWA067-EG-ZA-001	230331BWA067-EG-ZA-V001		Yes	
Solinteg	MHT-30K-100	Hybrid PV inverter grid-tied	Lyns-TCI Tech	2023/08/10		230331BWA067-EG-ZA-001	230331BWA067-EG-ZA-V001		Yes	
Solinteg	MHT-36K-100	Hybrid PV inverter grid-tied	Lyns-TCI Tech	2023/08/10		230331BWA067-EG-ZA-001	230331BWA067-EG-ZA-V001		Yes	
Solinteg	MHT-40K-100	Hybrid PV inverter grid-tied	Lyns-TCI Tech	2023/08/10		230331BWA067-EG-ZA-001	230331BWA067-EG-ZA-V001		Yes	
Solinteg	MHT-50K-100	Hybrid PV inverter grid-tied	Lyns-TCI Tech	2023/08/10		230331BWA067-EG-ZA-001	230331BWA067-EG-ZA-V001		Yes	
Solinteg	MHT-40K-100-P	Hybrid PV inverter grid-tied	Lyns-TCI Tech	2023/08/10		230331BWA067-EG-ZA-001	230331BWA067-EG-ZA-V001		Yes	
Solinteg	MHT-50K-100-P	Hybrid PV inverter grid-tied	Lyns-TCI Tech	2023/08/10		230331BWA067-EG-ZA-001	230331BWA067-EG-ZA-V001		Yes	
Solis	Solis-mini-700- 4G	Grid-tied PV inverter	Dekra	2017/11/17		6018912.51	6018912.02AOC	Yes		
Solis	Solis-mini-1000-4G	Grid-tied PV inverter	Dekra	2017/11/17		6018912.51	6018912.02AOC	Yes		
Solis	Solis-mini-1500-4G	Grid-tied PV inverter	Dekra	2017/11/17		6018912.51	6018912.02AOC	Yes		
Solis	Solis-mini-2000-4G	Grid-tied PV inverter	Dekra	2017/11/17		6018912.51	6018912.02AOC	Yes		
Solis	Solis-mini-2500-4G	Grid-tied PV inverter	Dekra	2017/11/17		6018912.51	6018912.02AOC	Yes		
Solis	Solis-mini-3000-4G	Grid-tied PV inverter	Dekra	2017/11/17		6018912.51	6018912.02AOC	Yes		
Solis	Solis-mini-3600-4G	Grid-tied PV inverter	Dekra	2017/11/17		6018912.51	6018912.02AOC	Yes		
Solis	Solis-1P1K-4G	Grid-tied PV inverter	Dekra	2017/11/10		6018912.50	6018912.01AOC	Yes		
Solis	Solis-1P1.5K-4G	Grid-tied PV inverter	Dekra	2017/11/10		6018912.50	6018912.01AOC	Yes		
Solis	Solis-1P2K-4G	Grid-tied PV inverter	Dekra	2017/11/10		6018912.50	6018912.01AOC	Yes		
Solis	Solis-1P2.5K-4G	Grid-tied PV inverter	Dekra	2017/11/10		6018912.50	6018912.01AOC	Yes		
Solis	Solis-1P2.5K2-4G	Grid-tied PV inverter	Dekra	2017/11/10		6018912.50	6018912.01AOC	Yes		
Solis	Solis-1P3K-4G-ST	Grid-tied PV inverter	Dekra	2017/11/10		6018912.50	6018912.01AOC	Yes		
Solis	Solis-1P3K-4G	Grid-tied PV inverter	Dekra	2017/11/10		6018912.50	6018912.01AOC	Yes		
Solis	Solis-1P3.6K-4G	Grid-tied PV inverter	Dekra	2017/11/10		6018912.50	6018912.01AOC	Yes		
Solis	Solis-1P4K-4G	Grid-tied PV inverter	Dekra	2017/11/10		6018912.50	6018912.01AOC	Yes		
Solis	Solis-1P4.6K-4G	Grid-tied PV inverter	Dekra	2017/11/10		6018912.50	6018912.01AOC	Yes		
Solis	Solis-20K	Grid-tied PV inverter	TÜV SÜD	2018/03/19		50128276 001	AK 50402840 0001	Yes		
Solis	Solis-25K	Grid-tied PV inverter	TÜV SÜD	2018/03/19		50128276 001	AK 50402840 0001	Yes		
Solis	Solis-30K	Grid-tied PV inverter	TÜV SÜD	2018/03/19		50128276 001	AK 50402840 0001	Yes		
Solis	Solis-40K	Grid-tied PV inverter	TÜV SÜD	2018/03/22		50131287 001	AK 50403257 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis-50K	Grid-tied PV inverter	TÜV SÜD	2018/03/22		50131287 001	AK 50403257 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis-3P5K-4G	Grid-tied PV inverter	TUV Rheinland	2018/08/24		50173799 001	AK 50416579 0001	Yes		
Solis	Solis-3P6K-4G	Grid-tied PV inverter	TUV Rheinland	2018/08/24		50173799 001	AK 50416579 0001	Yes		
Solis	Solis-3P8K-4G	Grid-tied PV inverter	TUV Rheinland	2018/08/24		50173799 001	AK 50416579 0001	Yes		
Solis	Solis-3P9K-4G	Grid-tied PV inverter	TUV Rheinland	2018/08/24		50173799 001	AK 50416579 0001	Yes		
Solis	Solis-3P10K-4G	Grid-tied PV inverter	TUV Rheinland	2018/08/24		50173799 001	AK 50416579 0001	Yes		
Solis	Solis-3P12K-4G	Grid-tied PV inverter	TUV Rheinland	2018/08/24		50173799 001	AK 50416579 0001	Yes		
Solis	Solis-3P15K-4G	Grid-tied PV inverter	TUV Rheinland	2018/08/24		50173799 001	AK 50416579 0001	Yes		
Solis	Solis-3P17K-4G	Grid-tied PV inverter	TUV Rheinland	2018/08/24		50173799 001	AK 50416579 0001	Yes		

Solis	Solis-3P20K-4G	Grid-tied PV inverter	TUV Rheinland	2018/08/24		50173799 001	AK 50416579 0001	Yes		
Solis	Solis-RHI-3K-48ES	Hybrid PV inverter grid-tied	TÜV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00		Yes	
Solis	Solis-RHI-3K-48ES-5G	Hybrid PV inverter grid-tied	TÜV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00		Yes	
Solis	Solis-RHI-3.6-48ES	Hybrid PV inverter grid-tied	TÜV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00		Yes	
Solis	Solis-RHI-3.6-48ES-5G	Hybrid PV inverter grid-tied	TÜV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00		Yes	
Solis	Solis-RHI-4.6K-48ES	Hybrid PV inverter grid-tied	TÜV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00		Yes	
Solis	Solis-RHI-4.6K-48ES-5G	Hybrid PV inverter grid-tied	TÜV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00		Yes	
Solis	Solis-RHI-5K-48ES	Hybrid PV inverter grid-tied	TÜV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00		Yes	
Solis	Solis-RHI-5K-48ES-5G	Hybrid PV inverter grid-tied	TÜV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00		Yes	
Solis	Solis-RHI-6K-48ES-5G	Hybrid PV inverter grid-tied	TÜV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00		Yes	
Solis	Solis-40K-FB	Grid-tied PV inverter	TUV Rheinland	2019/05/08		50249422 001	AK 50436157 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis-50K-FB	Grid-tied PV inverter	TUV Rheinland	2019/05/08		50249422 001	AK 50436157 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis-60K-4G-FB	Grid-tied PV inverter	TUV Rheinland	2019/05/08		50249422 001	AK 50436157 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis-25K-5G	Grid-tied PV inverter	TUV Rheinland	2020/03/11		50344275 001	AK 50459291 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis-30K-5G	Grid-tied PV inverter	TUV Rheinland	2020/03/11		50344275 001	AK 50459291 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis-33K-5G	Grid-tied PV inverter	TUV Rheinland	2020/03/11		50344275 001	AK 50459291 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis-36K-5G	Grid-tied PV inverter	TUV Rheinland	2020/03/11		50344275 001	AK 50459291 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis-40K-5G	Grid-tied PV inverter	TUV Rheinland	2020/03/11		50344275 001	AK 50459291 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis-80K-5G	Grid-tied PV inverter	TUV Rheinland	2020/12/23		50376758 003	AK 50489595 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis-90K-5G	Grid-tied PV inverter	TUV Rheinland	2020/12/23		50376758 003	AK 50489595 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis-100K-5G	Grid-tied PV inverter	TUV Rheinland	2020/12/23		50376758 003	AK 50489595 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis-110K-5G	Grid-tied PV inverter	TUV Rheinland	2020/12/23		50376758 003	AK 50489595 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis-100K-5G-SA	Grid-tied PV inverter	TUV Rheinland	2020/12/23		50376758 003	AK 50489595 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis-110K-5G-SA	Grid-tied PV inverter	TUV Rheinland	2020/12/23		50376758 003	AK 50489595 0001	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis RHI-3P5K-HVES-5G	Hybrid PV inverter grid-tied	TÜV SÜD	2020/12/22		704092008125-00	D 086470 0075 Rev.00		Yes	
Solis	Solis RHI-3P6K-HVES-5G	Hybrid PV inverter grid-tied	TÜV SÜD	2020/12/22		704092008125-00	D 086470 0075 Rev.00		Yes	
Solis	Solis RHI-3P8K-HVES-5G	Hybrid PV inverter grid-tied	TÜV SÜD	2020/12/22		704092008125-00	D 086470 0075 Rev.00		Yes	
Solis	Solis RHI-3P10K-HVES-5G	Hybrid PV inverter grid-tied	TÜV SÜD	2020/12/22		704092008125-00	D 086470 0075 Rev.00		Yes	
Solis	Solis S5-GC50K	Grid-tied PV inverter	TUV Rheinland	2021/07/28		CN21F7XT 0001	AK 50510984 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis S5-GC60K	Grid-tied PV inverter	TUV Rheinland	2021/07/28		CN21F7XT 0001	AK 50510984 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis S5-GC60K-HV	Grid-tied PV inverter	TUV Rheinland	2021/07/28		CN21F7XT 0001	AK 50510984 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis S5-GC70K-HV	Grid-tied PV inverter	TUV Rheinland	2021/07/28		CN21F7XT 0001	AK 50510984 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis S5-EH1PxK-L	Hybrid PV inverter grid-tied	TUV Rheinland	2023/03/14		50 173 405 005	AK 50578381		Yes	Where x = 3, 3.6, 4.6, 5, 6
Solis	Solis S5-GCxK	Grid-tied PV inverter	TUV Rheinland	2021/09/27		50 344 275 005	AK 50519232 0001		Yes	Where x = 25, 30, 33, 36, 40. The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	Solis S5-GCyK-HV	Grid-tied PV inverter	TUV Rheinland	2021/09/27		50 344 275 005	AK 50519232 0001		Yes	Where y = 40, 50. The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solis	S6-EH1P3K-L-PRO	Hybrid PV inverter grid-tied	TÜV SÜD	2023/05/31		70.409.23.048.02-00	D 086470 0141 Rev.00		Yes	
Solis	S6-EH1P3.6K-L-PRO	Hybrid PV inverter grid-tied	TÜV SÜD	2023/05/31		70.409.23.048.02-00	D 086470 0141 Rev.00		Yes	
Solis	S6-EH1P5K-L-PRO	Hybrid PV inverter grid-tied	TÜV SÜD	2023/05/31		70.409.23.048.02-00	D 086470 0141 Rev.00		Yes	
Solis	S6-EH1P6K-L-PRO	Hybrid PV inverter grid-tied	TÜV SÜD	2023/05/31		70.409.23.048.02-00	D 086470 0141 Rev.00		Yes	
Solis	S6-EH1P8K-L-PRO	Hybrid PV inverter grid-tied	TÜV SÜD	2023/05/31		70.409.23.048.02-00	D 086470 0141 Rev.00		Yes	
Solplanet	ASWxH-S2	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/07		CN22VY7J 001	AK 50550802 0001		Yes	Where x = 3000, 3680, 4000, 5000, 6000
Solplanet	ASW30K-LT-G2	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW33K-LT-G2	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW36K-LT-G2	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW40K-LT-G2	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW45K-LT-G2	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW50K-LT-G2	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW40K-LT-G2 Pro	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW45K-LT-G2 Pro	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW50K-LT-G2 Pro	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Soltaro	SOL-10KW-3P	Hybrid PV inverter grid-tied	TÜV SÜD	2019/07/26		6429018047301A	D 104877 0003	Yes		
Sungrow	SH5K-20	Hybrid PV inverter grid-tied	Dekra	2018/05/31		6025450.51	6025450.02AOC	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	SH5K-30	Hybrid PV inverter grid-tied	Dekra	2020/03/27		6072682.50	6072682.01AOC	Yes		
Sungrow	SG36KTL-M	Grid-tied PV inverter	TÜV SÜD	2018/03/26		704091708604-01	D180373342197	Yes		
Sungrow	SG60KTL	Grid-tied PV inverter	TÜV SÜD	2018/02/08		704091708605-01	D180173342198	Yes		
Sungrow	SG80KTL	Grid-tied PV inverter	Dekra	2018/07/11		6035428.50	6035428.01AOC	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	SG80KTL-20	Grid-tied PV inverter	Dekra	2018/07/11		6035428.50	6035428.01AOC	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	SG33CX	Grid-tied PV inverter	TÜV NORD & Shenzhen Balun	2020/03/19		TRSHV11090/19/01_R2	COCSHV11090/19-01_R1	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	SG40CX	Grid-tied PV inverter	TÜV NORD & Shenzhen Balun	2020/03/19		TRSHV11090/19/01_R2	COCSHV11090/19-01_R1	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	SG50CX	Grid-tied PV inverter	TÜV NORD & Shenzhen Balun	2020/03/19		TRSHV11090/19/01_R2	COCSHV11090/19-01_R1	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	SG110CX	Grid-tied PV inverter	TÜV NORD & Shenzhen Balun	2020/03/19		TRSHV11090/19/02_R2	COCSHV11090/19-02_R1	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	SH5.0RT	Hybrid PV inverter grid-tied	TÜV NORD & Shenzhen Balun	2020/07/24		TRSHV11090/19/03	COCSHV11090/19-04	Yes		
Sungrow	SH6.0RT	Hybrid PV inverter grid-tied	TÜV NORD & Shenzhen Balun	2020/07/24		TRSHV11090/19/03	COCSHV11090/19-04	Yes		
Sungrow	SH8.0RT	Hybrid PV inverter grid-tied	TÜV NORD & Shenzhen Balun	2020/07/24		TRSHV11090/19/03	COCSHV11090/19-04	Yes		

Sungrow	SH10RT	Hybrid PV inverter grid-tied	TÜV NORD & Shenzhen Balun	2020/07/24		TRSHV11090/19/03	COCSHV11090/19-04	Yes		
Sungrow	SC50HV	Battery based inverter grid-tied	TÜV SÜD	2021/08/09		704092103524-00	D 0733420345 Rev.00		Yes	
Sungrow	SC50HV-20	Battery based inverter grid-tied	TÜV SÜD	2021/08/09		704092103524-00	D 0733420345 Rev.00		Yes	
Sungrow	SH3.0RS	Hybrid PV inverter grid-tied	TUV Rheinland	2022/03/15		CN22QHUH 001	AK 50536847 0001		Yes	
Sungrow	SH3.6RS	Hybrid PV inverter grid-tied	TUV Rheinland	2022/03/15		CN22QHUH 001	AK 50536847 0001		Yes	
Sungrow	SH4.0RS	Hybrid PV inverter grid-tied	TUV Rheinland	2022/03/15		CN22QHUH 001	AK 50536847 0001		Yes	
Sungrow	SH5.0RS	Hybrid PV inverter grid-tied	TUV Rheinland	2022/03/15		CN22QHUH 001	AK 50536847 0001		Yes	
Sungrow	SH6.0RS	Hybrid PV inverter grid-tied	TUV Rheinland	2022/03/15		CN22QHUH 001	AK 50536847 0001		Yes	
Sungrow	SG75CX-P2	Grid-tied PV inverter	TUV Rheinland	2022/03/16		CN224TCO 001	AK 50536779 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	SG100CX-P2	Grid-tied PV inverter	TUV Rheinland	2022/03/16		CN224TCO 001	AK 50536779 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	SG125CX-P2	Grid-tied PV inverter	TUV Rheinland	2022/03/16		CN224TCO 001	AK 50536779 0001		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sunpro	SP3KL1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/08/16		64.290.22.30154.01	D 107931 0034 Rev.00		Yes	
Sunpro	SP3K6L1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/08/16		64.290.22.30154.01	D 107931 0034 Rev.00		Yes	
Sunpro	SP4KL1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/08/16		64.290.22.30154.01	D 107931 0034 Rev.00		Yes	
Sunpro	SP4K6L1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/08/16		64.290.22.30154.01	D 107931 0034 Rev.00		Yes	
Sunpro	SP5KL1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/08/16		64.290.22.30154.01	D 107931 0034 Rev.00		Yes	
Sunpro	SP6KL1	Hybrid PV inverter grid-tied	TÜV SÜD	2022/08/16		64.290.22.30154.01	D 107931 0034 Rev.00		Yes	
Sunsynk	Sunsynk-8K-SG01LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03		Yes	
Sunsynk	Sunsynk-7.6K-SG01LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03		Yes	
Sunsynk	Sunsynk-6K-SG01LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03		Yes	
Sunsynk	Sunsynk-5K-SG01LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03		Yes	
Sunsynk	Sunsynk-3.6K-SG01LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03		Yes	
Sunsynk	Sunsynk-8K-SG02LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03		Yes	
Sunsynk	Synk-7.6K-SG02LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03		Yes	
Sunsynk	Synk-6K-SG02LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03		Yes	
Sunsynk	Synk-5K-SG02LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03		Yes	
Sunsynk	Synk-3.6K-SG02LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03		Yes	
Sunsynk	Synk-8K-SG02LP1-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03		Yes	
Sunsynk	Synk-7.6K-SG02LP1-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03		Yes	
Sunsynk	Synk-6K-SG02LP1-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03		Yes	
Sunsynk	Synk-5K-SG02LP1-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03		Yes	
Sunsynk	Synk-3.6K-SG02LP1-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03		Yes	
Sunsynk	Synk-12K-SG01LP1	Hybrid PV inverter grid-tied	TUV Rheinland	2022/05/31		CN222MSO 002	AK 50546025 0001		Yes	
Sunsynk	Synk-14K-SG01LP1	Hybrid PV inverter grid-tied	TUV Rheinland	2022/05/31		CN222MSO 002	AK 50546025 0001		Yes	
Sunsynk	Synk-16K-SG01LP1	Hybrid PV inverter grid-tied	TUV Rheinland	2021/09/01		CN222MSO 002	AK 50546025 0001		Yes	
Sunsynk	SYNK-6K-SG04LP3	Hybrid PV inverter grid-tied	TÜV NORD & Shenzhen Balun	2021/06/10		BL-DG2160287-B01	BL-DG2160288D01		Yes	
Sunsynk	SYNK-8K-SG04LP3	Hybrid PV inverter grid-tied	TÜV NORD & Shenzhen Balun	2021/06/10		BL-DG2160287-B01	BL-DG2160288D01		Yes	
Sunsynk	SYNK-10K-SG04LP3	Hybrid PV inverter grid-tied	TÜV NORD & Shenzhen Balun	2021/06/10		BL-DG2160287-B01	BL-DG2160288D01		Yes	
Sunsynk	SYNK-12K-SG04LP3	Hybrid PV inverter grid-tied	TÜV NORD & Shenzhen Balun	2021/06/10		BL-DG2160287-B01	BL-DG2160288D01		Yes	
Sunsynk	SUNSYNK-29.9K-SG01HP3-EU-BM3	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/13		CN22G75A 004	AK 50594013 0001		Yes	
Sunsynk	SUNSYNK-30K-SG01HP3-EU-BM3	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/13		CN22G75A 004	AK 50594013 0001		Yes	
Sunsynk	SUNSYNK-35K-SG01HP3-EU-BM3	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/13		CN22G75A 004	AK 50594013 0001		Yes	
Sunsynk	SUNSYNK-40K-SG01HP3-EU-BM4	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/13		CN22G75A 004	AK 50594013 0001		Yes	
Sunsynk	SUNSYNK-50K-SG01HP3-EU-BM4	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/13		CN22G75A 004	AK 50594013 0001		Yes	
Sunsynk	SYNK-3K-SG04LP1	Hybrid PV inverter grid-tied	TUV Rheinland	2023/01/05		CN22MT63 002	AK 50570087 0001		Yes	
Sunsynk	SYNK-3K-SG04LP1-24	Hybrid PV inverter grid-tied	TUV Rheinland	2023/01/05		CN22MT63 002	AK 50570087 0001		Yes	
Sunsynk	SYNK-3.6K-SG04LP1	Hybrid PV inverter grid-tied	TUV Rheinland	2023/01/05		CN22MT63 002	AK 50570087 0001		Yes	
Sunsynk	SYNK-5K-SG04LP1	Hybrid PV inverter grid-tied	TUV Rheinland	2023/01/05		CN22MT63 002	AK 50570087 0001		Yes	
Sunsynk	SYNK-6K-SG04LP1	Hybrid PV inverter grid-tied	TUV Rheinland	2023/01/05		CN22MT63 002	AK 50570087 0001		Yes	
Sunsynk	SM2.5kWPL	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239 201	BL-DG2351239D01		Yes	
Sunsynk	SM2.5kWLS	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239 201	BL-DG2351239D01		Yes	
Sunsynk	SM2.5kWLL	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239 201	BL-DG2351239D01		Yes	
Sunsynk	LIFE2.5HYB02	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239 201	BL-DG2351239D01		Yes	
Sunsynk	SM3.6kWPL	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239 201	BL-DG2351239D01		Yes	
Sunsynk	SM3.6kWLS	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239 201	BL-DG2351239D01		Yes	
Sunsynk	SM3.6kWLL	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239 201	BL-DG2351239D01		Yes	
Sunsynk	LIFE3.6HYB02	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239 201	BL-DG2351239D01		Yes	
Sunsynk	SUNSYNK-6K-SG03LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/19		BL-DG2370523-201	BL-DG2370523D01		Yes	
Sunsynk	SUNSYNK-5K-SG03LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/19		BL-DG2370523-201	BL-DG2370523D01		Yes	
Sunsynk	SUNSYNK-3.6K-SG03LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/19		BL-DG2370523-201	BL-DG2370523D01		Yes	
Sunsynk	SUNSYNK-3K-SG03LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/19		BL-DG2370523-201	BL-DG2370523D01		Yes	
Sunways	STH-4KTL-HT	Hybrid PV inverter grid-tied	TÜV SÜD	2021/01/14		704092001222-00	D 104339 0044 Rev. 00		Yes	
Sunways	STH-5KTL-HT	Hybrid PV inverter grid-tied	TÜV SÜD	2021/01/14		704092001222-00	D 104339 0044 Rev. 00		Yes	
Sunways	STH-6KTL-HT	Hybrid PV inverter grid-tied	TÜV SÜD	2021/01/14		704092001222-00	D 104339 0044 Rev. 00		Yes	
Sunways	STH-8KTL-HT	Hybrid PV inverter grid-tied	TÜV SÜD	2021/01/14		704092001222-00	D 104339 0044 Rev. 00		Yes	
Sunways	STH-10KTL-HT	Hybrid PV inverter grid-tied	TÜV SÜD	2021/01/14		704092001222-00	D 104339 0044 Rev. 00		Yes	
Sunways	STH-12KTL-HT	Hybrid PV inverter grid-tied	TÜV SÜD	2021/01/14		704092001222-00	D 104339 0044 Rev. 00		Yes	
Sunways	STH-3KTL-HSS	Hybrid PV inverter grid-tied	TÜV SÜD	2021/12/08		704092101617-00	D 104339 0065 Rev.00		Yes	
Sunways	STH-3KTL-HS	Hybrid PV inverter grid-tied	TÜV SÜD	2021/12/08		704092101617-00	D 104339 0065 Rev.00		Yes	
Sunways	STH-3.6KTL-HSS	Hybrid PV inverter grid-tied	TÜV SÜD	2021/12/08		704092101617-00	D 104339 0065 Rev.00		Yes	
Sunways	STH-3.6KTL-HS	Hybrid PV inverter grid-tied	TÜV SÜD	2021/12/08		704092101617-00	D 104339 0065 Rev.00		Yes	
Sunways	STH-4.2KTL-HS	Hybrid PV inverter grid-tied	TÜV SÜD	2021/12/08		704092101617-00	D 104339 0065 Rev.00		Yes	
Sunways	STH-4.6KTL-HS	Hybrid PV inverter grid-tied	TÜV SÜD	2021/12/08		704092101617-00	D 104339 0065 Rev.00		Yes	
Sunways	STH-5KTL-HS	Hybrid PV inverter grid-tied	TÜV SÜD	2021/12/08		704092101617-00	D 104339 0065 Rev.00		Yes	
Sunways	STH-6KTL-HS	Hybrid PV inverter grid-tied	TÜV SÜD	2021/12/08		704092101617-00	D 104339 0065 Rev.00		Yes	
Sunways	STH-7KTL-HS	Hybrid PV inverter grid-tied	TÜV SÜD	2021/12/08		704092101617-00	D 104339 0065 Rev.00		Yes	
Sunways	STH-8KTL-HS	Hybrid PV inverter grid-tied	TÜV SÜD	2021/12/08		704092101617-00	D 104339 0065 Rev.00		Yes	
Sunways	STT-4KTL-P	Grid-tied PV inverter	TÜV SÜD	2022/11/09		70.409.22.037.09-00	D 104339 0074 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sunways	STT-5KTL-P	Grid-tied PV inverter	TÜV SÜD	2022/11/09		70.409.22.037.09-00	D 104339 0074 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sunways	STT-6KTL-P	Grid-tied PV inverter	TÜV SÜD	2022/11/09		70.409.22.037.09-00	D 104339 0074 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sunways	STT-8KTL-P	Grid-tied PV inverter	TÜV SÜD	2022/11/09		70.409.22.037.09-00	D 104339 0074 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sunways	STT-10KTL-P	Grid-tied PV inverter	TÜV SÜD	2022/11/09		70.409.22.037.09-00	D 104339 0074 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.

Sunways	STT-12KTL-P	Grid-tied PV inverter	TÜV SÜD	2022/11/09		70.409.22.037.09-00	D 104339 0074 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sunways	STT-15KTL-P	Grid-tied PV inverter	TÜV SÜD	2022/11/09		70.409.22.037.09-00	D 104339 0074 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sunways	STT-17KTL-P	Grid-tied PV inverter	TÜV SÜD	2022/11/09		70.409.22.037.09-00	D 104339 0074 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sunways	STT-20KTL-P	Grid-tied PV inverter	TÜV SÜD	2022/11/09		70.409.22.037.09-00	D 104339 0074 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sunways	STT-25KTL-P	Grid-tied PV inverter	TÜV SÜD	2022/11/09		70.409.22.037.09-00	D 104339 0074 Rev.00		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Svolt	ME01-PH-SV6KWL1	Hybrid PV inverter grid-tied	TÜV SÜD	2023/08/11		64.290.23.31188.01	D 120520 0002 Rev. 00		Yes	
Svolt	ME01-PH-SV8KWL1	Hybrid PV inverter grid-tied	TÜV SÜD	2023/08/11		64.290.23.31189.01	D 120520 0002 Rev. 00		Yes	
TBB Power	Apollo Matrix 3.0S	Hybrid PV inverter grid-tied	TÜV NORD (Hangzhau)	2022/03/03		TRPVP12002/21B/01	COCPVP12002/21B-01		Yes	
TBB Power	Apollo Matrix 3.0M	Hybrid PV inverter grid-tied	TÜV NORD (Hangzhau)	2022/03/03		TRPVP12002/21B/01	COCPVP12002/21B-01		Yes	
TBB Power	Apollo Matrix 5.0S	Hybrid PV inverter grid-tied	TÜV NORD (Hangzhau)	2022/03/03		TRPVP12002/21B/01	COCPVP12002/21B-01		Yes	
TBB Power	Qoma 33H	Battery based inverter grid-tied	TÜV NORD (Hangzhau)	2023/09/18		TRPVP05005/22E/01_R1	COCPV05005/22E-01_R1		Yes	
TBB Power	Qoma 33H-R	Battery based inverter grid-tied	TÜV NORD (Hangzhau)	2023/09/18		TRPVP05005/22E/01_R1	COCPV05005/22E-01_R1		Yes	
TELE Haase Steuergerate	NA003	Network & system relay	Primara	2018/09/20		14PP035-12	18-315-00	Yes		Network and system grid protection voltage and frequency relay only and may only be used in conjunction with approved NRS 097-2-1 type tested inverters on this list.
Tesla	AC Powerwall 1092170-xx-y	Battery based inverter grid-tied	Intertek	2020/05/20		102591059CRT-051c	102591059CRT-051c	Yes		
Tesla	AC Powerwall 2012170-xx-y	Battery based inverter grid-tied	Intertek	2020/05/20		102591059CRT-051c	102591059CRT-051c	Yes		
Unipassion	UP-1P3K-60	Hybrid PV inverter grid-tied	TÜV Rheinland Group	2023/09/15		CN231YHP 001	AK 50602123 0001		Yes	
Unipassion	UP-1P5K-HI	Hybrid PV inverter grid-tied	TÜV Rheinland Group	2023/09/15		CN231YHP 001	AK 50602123 0001		Yes	
Unipassion	UP-1P6K-HI	Hybrid PV inverter grid-tied	TÜV Rheinland Group	2023/09/15		CN231YHP 001	AK 50602123 0001		Yes	
Unipassion	UP-1P6K-60	Hybrid PV inverter grid-tied	TÜV Rheinland Group	2023/09/15		CN231YHP 001	AK 50602123 0001		Yes	
Unipassion	UP-1P8K-HI	Hybrid PV inverter grid-tied	TÜV SÜD	2023/09/20		64.290.23.31500.01	D 122606 0001 Rev.00		Yes	
Unipassion	UP-1P10K-HI	Hybrid PV inverter grid-tied	TÜV SÜD	2023/09/20		64.290.23.31500.01	D 122606 0001 Rev.00		Yes	
Victron	MultiGrid 12/3000/120-50	Battery based inverter grid-tied	Primara	2017/11/20		16PP183-06_1	17-303-00	Yes		
Victron	MultiGrid 24/3000/70-50	Battery based inverter grid-tied	Primara	2017/11/20		16PP183-06_1	17-303-00	Yes		
Victron	MultiGrid 48/3000/35-50	Battery based inverter grid-tied	Primara	2017/11/20		16PP183-06_1	17-303-00	Yes		
Victron	MultiGrid - II 48/3000/35-32	Battery based inverter grid-tied	Primara	2018/10/02		17PP264-07_1	18-320-00	Yes		
Victron	MultiPlus - II 48/3000/35-32	Battery based inverter grid-tied	Kiwa Primara	2019/08/22		17PP264-07_3	18-320-01	Yes		
Victron	MultiPlus - II 48/3000/35-32GX	Battery based inverter grid-tied	Kiwa Primara	2019/08/22		17PP264-07_3	18-320-01	Yes		
Victron	MultiPlus - II 48/5000/70-50	Battery based inverter grid-tied	Kiwa Primara	2019/08/22		17PP264-07_3	18-320-01	Yes		
Victron	MultiPlus-II 48/8000/110-100	Battery based inverter grid-tied	SGS	2023/09/29	2028/08/29	2222 / 0478 - G-E1	2622/0478-G-E1-CER		Yes	
Victron	MultiPlus-II 48/10000/140-100	Battery based inverter grid-tied	SGS	2023/09/29	2028/08/29	2222 / 0478 - G-E1	2622/0478-G-E1-CER		Yes	
Victron	MultiPlus-II 48/15000/200-100	Battery based inverter grid-tied	SGS	2023/09/29	2028/08/29	2222 / 0478 - G-E1	2622/0478-G-E1-CER		Yes	
Voltronic	InfiniSolar 10k	Hybrid PV inverter grid-tied	Bureau Veritas	2020/10/30		PVZA180904N057-R1	2088AP0923N001001	Yes		
Wattsonic	4.0K-25A-3P	Hybrid PV inverter grid-tied	Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001		Yes	
Wattsonic	5.0K-25A-3P	Hybrid PV inverter grid-tied	Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001		Yes	
Wattsonic	6.0K-25A-3P	Hybrid PV inverter grid-tied	Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001		Yes	
Wattsonic	8.0K-25A-3P	Hybrid PV inverter grid-tied	Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001		Yes	
Wattsonic	10.0K-25A-3P	Hybrid PV inverter grid-tied	Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001		Yes	
Wattsonic	12.0K-25A-3P	Hybrid PV inverter grid-tied	Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001		Yes	
Wattsonic	10.0K-40A-3P	Hybrid PV inverter grid-tied	Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001		Yes	
Wattsonic	12.0K-40A-3P	Hybrid PV inverter grid-tied	Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001		Yes	
Wattsonic	15.0K-40A-3P	Hybrid PV inverter grid-tied	Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001		Yes	
Wattsonic	20.0K-40A-3P	Hybrid PV inverter grid-tied	Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001		Yes	
Ziehl	UFR1001E relay	Network & system relay	Bureau Veritas	2018/06/07		11TH0501-NRS 097-2-1_1	U18-0308	Yes		Network and system grid protection voltage and frequency relay only and may only be used in conjunction with approved NRS 097-2-1 type tested inverters on this list.

RCMU - residual current monitoring unit
RCD - residual current device
RCM - residual current monitoring
SPD - surge protection device

Notes:

1. The City shall not incur any liability of any nature whatsoever arising out of the publication by it of this list, or arising out of the selection by the user of a particular device. This includes liability for any losses incurred as a result of safety issues or negligence relating to the design, construction, installation, commissioning, operation and maintenance of any device listed on the list.
2. This list is for City purposes only and the use thereof as a guideline for the selection of a device is at the sole risk of the user.
3. The City does not guarantee the functionality or suitability of any device listed on the list.
4. Type testing certifications for inverters and ancillary equipment that must be added to the City's inverter list, shall be in accordance with latest NRS 097-2-1, currently NRS 097-2-1: 2017 Edition 2.1 (amended (2021-04-30).
5. All grid-tied hybrid inverters shall be equipped with a separate suitably interlocked change-over switch if interlocked with the grid as specified in the Requirements for small scale embedded generation (SSEG) document.

http://teamsites.capetown.gov.za/sites/esprotelmeas/SitePages/Home/.aspx/reference/PT Documents/vorms/Approved inverter and equipment ito NRS 097-2-1
2023-12-12