



ENERGY DIRECTORATE

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

9 May 2024

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	CM-UFDM31	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 into 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.
ABB	CM-UFDM31M	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 into 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.
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		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 - SX	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 - SX2	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-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-BAT1 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		A maximum of three REACT2-BAT1 may be used in combination with this inverter unit.
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.
Afore	AF10K-TH	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-TH	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	
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	AF3.6K-SL	Hybrid PV inverter grid-tied	Dekra	2021/03/10		6098057.50	6098057.01AOC		Yes	
Afore	AF30K-TH	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF3K-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	AF3K-THP	Hybrid PV inverter grid-tied	Intertek	2023/05/25		230500127SHA-001	CN-PV-230262		Yes	
Afore	AF4.6K-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	AF4K-TH	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	AF5.5K-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	AF5K-TH	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-SL	Hybrid PV inverter grid-tied	Dekra	2021/03/10		6098057.50	6098057.01AOC		Yes	
Afore	AF6K-TH	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-SL	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	HNS3000HS	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	Hybrid PV inverter grid-tied	Dekra	2020/09/17		6076139.50	6076139.01AOC		Yes	
Afore	HNS3600HS-HV	Hybrid PV inverter grid-tied	Dekra	2020/09/18		6076141.50	6076141.01AOC V1.1		Yes	
Afore	HNS4000HS	Hybrid PV inverter grid-tied	Dekra	2020/09/17		6076139.50	6076139.01AOC		Yes	
Afore	HNS4000HS-HV	Hybrid PV inverter grid-tied	Dekra	2020/09/18		6076141.50	6076141.01AOC V1.1		Yes	
Afore	HNS4600HS	Hybrid PV inverter grid-tied	Dekra	2020/09/17		6076139.50	6076139.01AOC		Yes	
Afore	HNS4600HS-HV	Hybrid PV inverter grid-tied	Dekra	2020/09/18		6076141.50	6076141.01AOC V1.1		Yes	
Afore	HNS5000HS	Hybrid PV inverter grid-tied	Dekra	2020/09/17		6076139.50	6076139.01AOC		Yes	
Afore	HNS5000HS-HV	Hybrid PV inverter grid-tied	Dekra	2020/09/18		6076141.50	6076141.01AOC V1.1		Yes	
Afore	HNS5500HS	Hybrid PV inverter grid-tied	Dekra	2020/09/17		6076139.50	6076139.01AOC		Yes	
Afore	HNS5500HS-HV	Hybrid PV inverter grid-tied	Dekra	2020/09/18		6076141.50	6076141.01AOC V1.1		Yes	
Afore	HNS6000HS	Hybrid PV inverter grid-tied	Dekra	2020/09/17		6076139.50	6076139.01AOC		Yes	
Afore	HNS6000HS-HV	Hybrid PV inverter grid-tied	Dekra	2020/09/18		6076141.50	6076141.01AOC V1.1		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		
Actai	AEP- 3K6S48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/14		CN23J83J 001	AK 50597657 0001		Yes	
Actai	AEP- 3KS48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/10		CN23J83J 001	AK 50597657 0001		Yes	
Actai	AEP- 4K6S48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/15		CN23J83J 001	AK 50597657 0001		Yes	
Actai	AEP- 4KS48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/11		CN23J83J 001	AK 50597657 0001		Yes	
Actai	AEP- 5KS48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/12		CN23J83J 001	AK 50597657 0001		Yes	
Actai	AEP- 6KS48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/13		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 dependent 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 dependent 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 dependent 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 dependent 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 dependent 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.

CEEG	CEEG CHIEF-8.0K-7.68kWh	Hybrid PV inverter grid-tied	Dekra	2024/01/22	2029/01/22	4914634.51	4914634.01COC		Yes
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
Chisage ESS	Mars-10G2-LE	Hybrid PV inverter grid-tied	Bureau Veritas	2023/12/19		CMCC-ESH-P23090073	U23-1183 (Scheme: NSOP-0032-DEU-ZE-V01)		Yes
Chisage ESS	Mars-12G2-LE	Hybrid PV inverter grid-tied	Bureau Veritas	2023/12/19		CMCC-ESH-P23090073	U23-1183 (Scheme: NSOP-0032-DEU-ZE-V01)		Yes
Chisage ESS	Mars-14G2-LE	Hybrid PV inverter grid-tied	Bureau Veritas	2023/12/19		CMCC-ESH-P23090073	U23-1183 (Scheme: NSOP-0032-DEU-ZE-V01)		Yes
Chisage ESS	Mars-5G2-LE	Hybrid PV inverter grid-tied	Bureau Veritas	2023/12/19		CMCC-ESH-P23090073	U23-1183 (Scheme: NSOP-0032-DEU-ZE-V01)		Yes
Chisage ESS	Mars-6G2-LE	Hybrid PV inverter grid-tied	Bureau Veritas	2023/12/19		CMCC-ESH-P23090073	U23-1183 (Scheme: NSOP-0032-DEU-ZE-V01)		Yes
Chisage ESS	Mars-8G2-LE	Hybrid PV inverter grid-tied	Bureau Veritas	2023/12/19		CMCC-ESH-P23090073	U23-1183 (Scheme: NSOP-0032-DEU-ZE-V01)		Yes
Conti	CSHI-3500	Hybrid PV inverter grid-tied	TUV SUD	2022/01/14		64.290.21.30646.04	D 115385 0001 Rev.00		Yes
Conti	CSHI-5500X12	Hybrid PV inverter grid-tied	TUV SUD	2022/01/14		64.290.21.30646.04	D 115385 0001 Rev.00		Yes
Deye	SUN-10K-SG02LP1-EU-AM3	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/15		CN23TB9V.001	AK 50615365.0001		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-SG01LP1-EU	Hybrid PV inverter grid-tied	TUV Rheinland	2022/05/24		CN22MSO.001	AK 50544599.0001		Yes
Deye	SUN-12K-SG02LP1-EU-AM3	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/15		CN23TB9V.001	AK 50615365.0001		Yes
Deye	SUN-12K-SG04LP3-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2021/06/09		BL-DG2141024-B01	BL-DG2141024D01		Yes
Deye	SUN-14K-SG01LP1-EU	Hybrid PV inverter grid-tied	TUV Rheinland	2022/05/24		CN22MSO.001	AK 50544599.0001		Yes
Deye	SUN-16K-SG01LP1-EU	Hybrid PV inverter grid-tied	TUV Rheinland	2022/05/24		CN22MSO.001	AK 50544599.0001		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-3.6K-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-B	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-3.6K-SG02LP1-EU-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		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-3.6K-SG04LP1-EU	Hybrid PV inverter grid-tied	TUV Rheinland	2022/12/13		CN22MT63.001	AK 50567952.0001		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-3K-SG03LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2023/04/23		BL-DG2330754 B01	BL-DG2330754D01		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-3K-SG04LP1-EU	Hybrid PV inverter grid-tied	TUV Rheinland	2022/12/13		CN22MT63.001	AK 50567952.0001		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-5K-SG01LP1-EU	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-5K-SG02LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes
Deye	SUN-5K-SG02LP1-EU-AM2	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/15		CN23TB9V.001	AK 50615365.0001		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-5K-SG03LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2023/04/23		BL-DG2330754 B01	BL-DG2330754D01		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-SG01LP1-EU	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-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-AM2	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/15		CN23TB9V.001	AK 50615365.0001		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-6K-SG03LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2023/04/23		BL-DG2330754 B01	BL-DG2330754D01		Yes
Deye	SUN-6K-SG04LP1-EU	Hybrid PV inverter grid-tied	TUV Rheinland	2022/12/13		CN22MT63.001	AK 50567952.0001		Yes
Deye	SUN-6K-SG04LP3-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2021/06/09		BL-DG2141024-B01	BL-DG2141024D01		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-7.6K-SG01LP1-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	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes
Deye	SUN-7.6K-SG02LP1-EU-AM2	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/15		CN23TB9V.001	AK 50615365.0001		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-8K-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-8K-SG02LP1-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/16		BL-DG21C0114-B01 (G1)	BL-DG21C0114D02		Yes
Deye	SUN-8K-SG02LP1-EU-AM2	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/15		CN23TB9V.001	AK 50615365.0001		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-8K-SG04LP3-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2021/06/09		BL-DG2141024-B01	BL-DG2141024D01		Yes
Dyness	DYNE 3.0L-1P-A	Hybrid PV inverter grid-tied	TUV SUD	2023/08/29		704092366401-00	D 120387 0003 Rev.00		Yes
Dyness	DYNE 3.6L-1P-A	Hybrid PV inverter grid-tied	TUV SUD	2023/08/29		704092366401-00	D 120387 0003 Rev.00		Yes
Dyness	DYNE 5.0L-1P-A	Hybrid PV inverter grid-tied	TUV SUD	2023/08/29		704092366401-00	D 120387 0003 Rev.00		Yes
Dyness	DYNE 6.0L-1P-A	Hybrid PV inverter grid-tied	TUV SUD	2023/08/29		704092366401-00	D 120387 0003 Rev.00		Yes
Dyness	DYNE 8.0L-1P-A	Hybrid PV inverter grid-tied	TUV SUD	2023/08/29		704092366401-00	D 120387 0003 Rev.00		Yes
Easypower	REVO8K1	Hybrid PV inverter grid-tied	TUV SUD	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		PVZA190716C28 163818-743394	U19-0642	Yes	
Eaton	XSTH1P046PO48V01	Hybrid PV inverter grid-tied	Bureau Veritas	2019/12/10		PVZA190716C28 163818-743394	U19-0642	Yes	
Eaton	XSTH1P06PO48V01	Hybrid PV inverter grid-tied	Bureau Veritas	2019/12/10		PVZA190716C26 163818-743394	U19-0642	Yes	
Enphase Energy	IQ7-60-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	IQ7A-72-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	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	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	IQ9AC-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.

Goodwe	GW5000-SBP-20	Grid-tied PV inverter	TUV Rheinland	2022/07/06		CN22SCQU 001	AK 50550767 0001		Yes	
Goodwe	GW5048D-ES	Hybrid PV inverter grid-tied	TUV SUD	2018/11/12		704091815302-00	D 083373 0039 Rev.00	Yes		
Goodwe	GW5048-EM	Hybrid PV inverter grid-tied	TUV Rheinland	2017/07/14		50085060 001	AK 50385738 0001	Yes		
Goodwe	GW50K-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	GW50KS-MT	Grid-tied PV inverter	TUV 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	GW5K-DT	Grid-tied PV inverter	Bureau Veritas	2019/11/20		ZEM-190C0893FTSHP	U19-0609	Yes		
Goodwe	GW5K-ET	Hybrid PV inverter grid-tied	Bureau Veritas	2019/05/23		PVZA190507N014	1988AP0507N014001	Yes		
Goodwe	GW6000-ES-20	Grid-tied PV inverter	TUV Rheinland	2022/07/06		CN22SCQU 001	AK 50550767 0001		Yes	
Goodwe	GW6000-ES-20	Grid-tied PV inverter	TUV Rheinland	2022/07/06		CN22SCQU 001	AK 50550767 0001		Yes	
Goodwe	GW6000-SBP-20	Grid-tied PV inverter	TUV Rheinland	2022/07/06		CN22SCQU 001	AK 50550767 0001		Yes	
Goodwe	GW60K-MT	Grid-tied PV inverter	Bureau Veritas	2022/05/06		PVZA180903N057-R2	1888AP0903N057004		Yes	
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	GW60KS-MT	Grid-tied PV inverter	TUV 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	GW6K-DT	Grid-tied PV inverter	Bureau Veritas	2019/11/20		ZEM-190C0893FTSHP	U19-0609	Yes		
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	GW8K-DT	Grid-tied PV inverter	Bureau Veritas	2019/11/20		ZEM-190C0893FTSHP	U19-0609	Yes		
Goodwe	GW8K-ET	Hybrid PV inverter grid-tied	Bureau Veritas	2019/05/23		PVZA190507N014	1988AP0507N014001	Yes		
Greenrich	GR-3.6K1P-L-PRO	Grid-tied PV inverter	TUV SUD	2023/08/29		704092367601-00	D 122220 0003 Rev.00		Yes	
Greenrich	GR-3K1P-L-PRO	Grid-tied PV inverter	TUV SUD	2023/08/29		704092367601-00	D 122220 0003 Rev.00		Yes	
Greenrich	GR-5K1P-L-PRO	Grid-tied PV inverter	TUV SUD	2023/08/29		704092367601-00	D 122220 0003 Rev.00		Yes	
Greenrich	GR-6K1P-L-PRO	Grid-tied PV inverter	TUV SUD	2023/08/29		704092367601-00	D 122220 0003 Rev.00		Yes	
Greenrich	GR-8K1P-L-PRO	Grid-tied PV inverter	TUV SUD	2023/08/29		704092367601-00	D 122220 0003 Rev.00		Yes	
Growatt	MAX 100KTL3-LV	Hybrid PV inverter grid-tied	Intertek	2023/11/23		230908087GZU-001	CN-PV-230647		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. Applicant requirements: List only this model.
Growatt	MAX 110KTL3-X LV	Grid-tied PV inverter	Intertek	2023/11/23		230908087GZU-001	CN-PV-230647		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. Applicant requirements: List only this model.
Growatt	MAX 120KTL3-X LV	Grid-tied PV inverter	Intertek	2023/11/23		230908087GZU-001	CN-PV-230647		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. Applicant requirements: List only this model.
Growatt	MAX 125KTL3-X LV	Grid-tied PV inverter	Intertek	2023/11/23		230908087GZU-001	CN-PV-230647		Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used. Applicant requirements: List only this model.
Growatt	SPH10000TL-HU	Grid-tied PV inverter	TUV NORD & Donguan Balun	2023/12/12		TRPVP05109/23B/01	COCPVP05109/23B-01		Yes	
Growatt	SPH3000TL-BL-UP	Grid-tied PV inverter	Intertek	2019/10/25		190719102GZU-001	CN-PV-190037	Yes		
Growatt	SPH3600TL-BL-UP	Grid-tied PV inverter	Intertek	2019/10/25		190719102GZU-001	CN-PV-190037	Yes		
Growatt	SPH4000TL-BL-UP	Grid-tied PV inverter	Intertek	2019/10/25		190719102GZU-001	CN-PV-190037	Yes		
Growatt	SPH4600TL-BL-UP	Grid-tied PV inverter	Intertek	2019/10/25		190719102GZU-001	CN-PV-190037	Yes		
Growatt	SPH5000TL-BL-UP	Grid-tied PV inverter	Intertek	2019/10/25		190719102GZU-001	CN-PV-190037	Yes		
Growatt	SPH6000TL-BL-UP	Grid-tied PV inverter	Intertek	2019/10/25		190719102GZU-001	CN-PV-190037	Yes		
Growatt	WIT 100K-AE	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 100K-AU	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 100K-H	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 100K-HE	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 100K-HU	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 50K-AE	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 50K-AU	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 50K-H	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 50K-HE	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 50K-HU	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 63K-AE	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 63K-H	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 63K-HE	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 63K-HU	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 75K-AE	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 75K-AU	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 75K-H	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 75K-HE	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 75K-HU	Hybrid PV inverter grid-tied	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growatt	WIT 63K-AU	Grid-tied PV inverter	Intertek	2023/12/29		2205091110GZU-001	CN-PV-230712		Yes	
Growcol	GC 10KHB-210-T/EU	Grid-tied PV inverter	TUV SUD	2023/05/09		64.290.23.30471.01	D 118596 0002 Rev. 00		Yes	
Growcol	GC 3K6HB-60	Grid-tied PV inverter	TUV Rheinland	2023/04/13		CN23V6TU 001	AK 50580182 0001		Yes	
Growcol	GC 5KHB-120	Grid-tied PV inverter	TUV Rheinland	2023/04/13		CN23V6TU 001	AK 50580182 0001		Yes	
Growcol	GC 6KHB-120	Grid-tied PV inverter	TUV Rheinland	2023/04/13		CN23V6TU 001	AK 50580182 0001		Yes	
Growcol	GC 8KHB-210-T/EU	Grid-tied PV inverter	TUV SUD	2023/05/09		64.290.23.30471.01	D 118596 0002 Rev. 00		Yes	
Growcol	GHYper-3000	Grid-tied PV inverter	Dekra	2021/08/20		6111798.51	6111798.02AOC		Yes	
Growcol	GHYper-3680	Grid-tied PV inverter	Dekra	2021/08/20		6111798.51	6111798.02AOC		Yes	
Growcol	GHYper-5000	Grid-tied PV inverter	Dekra	2021/08/20		6111798.51	6111798.02AOC		Yes	
Growcol	GW8K51	Grid-tied PV inverter	TUV SUD	2022/10/14		64.290.22.31173.01	D 118596 0001 Rev.00		Yes	
Growcol	GW-MPS0030	Grid-tied PV inverter	TUV NORD (Hangzhou)	2022/05/24		TRPVP040042/22E01	COCPVP040042/22E-01		Yes	
Growcol	GW-MPS0050	Grid-tied PV inverter	TUV NORD (Hangzhou)	2022/05/24		TRPVP040042/22E01	COCPVP040042/22E-01		Yes	
Growcol	GW-MPS0100	Grid-tied PV inverter	TUV NORD (Hangzhou)	2022/05/24		TRPVP040042/22E01	COCPVP040042/22E-01		Yes	
Growcol	GW-MPS0150	Grid-tied PV inverter	TUV NORD (Hangzhou)	2022/05/24		TRPVP040042/22E01	COCPVP040042/22E-01		Yes	
Growcol	GW-MPS0250	Grid-tied PV inverter	TUV Rheinland	2023/02/23		CN229F61 003	AK 50573567 0001		Yes	
Growcol	GW-MPS0500	Grid-tied PV inverter	TUV Rheinland	2023/02/23		CN229F61 003	AK 50573567 0001		Yes	
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	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.

INVT	BD6KTL-RL1	Hybrid PV inverter grid-tied	TUV SUD	2022/01/27		64.290.22.31834.01	D 093811 0053 Rev.00		Yes	
INVT	BD6KTL-RL1-1	Hybrid PV inverter grid-tied	TUV SUD	2023/03/01		64.290.22.31834.01	D 072237 0134 Rev.00		Yes	
INVT	BD6KTL-RL1-1	Hybrid PV inverter grid-tied	TUV SUD	2023/03/01		64.290.22.31835.01	D 072237 0135 Rev.00		Yes	
INVT	IMARS XD36KTL	Hybrid PV inverter grid-tied	Intertek	2023/09/12		230209064GZU-001	CN-PV-230531		Yes	
INVT	IMARS XD36KTL	Hybrid PV inverter grid-tied	Intertek	2023/09/12		230209064GZU-001	CN-PV-230531		Yes	
INVT	IMARS XD46KTL	Hybrid PV inverter grid-tied	Intertek	2023/09/12		230209064GZU-001	CN-PV-230531		Yes	
INVT	IMARS XD46KTL	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	
INVT	IMARS XD6KTL	Hybrid PV inverter grid-tied	Intertek	2023/09/12		230209064GZU-001	CN-PV-230531		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-3.6K-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-4.6K-L60-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-5K-L60-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	
iPotisEdge	IPS-6K-L60-S	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/07		CN23R9MK 001	AK 50592898 0001		Yes	
Jinko	JKH100LTA	Hybrid PV inverter grid-tied	TUV NORD (Hangzhou)	2023/03/08		TRPVP01087/23E/01	COCPPV01087/23E-01		Yes	
Jinko	JKH150LTA	Hybrid PV inverter grid-tied	TUV NORD (Hangzhou)	2023/03/08		TRPVP01087/23E/01	COCPPV01087/23E-01		Yes	
Jinko	JKH250LTA	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/21		CN229F6J 002	AK 5057 4863 0001		Yes	
Jinko	JKH30LTA	Hybrid PV inverter grid-tied	TUV NORD (Hangzhou)	2023/03/08		TRPVP01087/23E/01	COCPPV01087/23E-01		Yes	
Jinko	JKH500LTA	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/21		CN229F6J 002	AK 5057 4863 0001		Yes	
Jinko	JKH50LTA	Hybrid PV inverter grid-tied	TUV NORD (Hangzhou)	2023/03/08		TRPVP01087/23E/01	COCPPV01087/23E-01		Yes	
Jinko	JKS-3.6HLVS-HI	Hybrid PV inverter grid-tied	TUV SUD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Jinko	JKS-3HLVS-HI	Hybrid PV inverter grid-tied	TUV SUD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Jinko	JKS-4.6HLVS-HI	Hybrid PV inverter grid-tied	TUV SUD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Jinko	JKS-4HLVS-HI	Hybrid PV inverter grid-tied	TUV SUD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Jinko	JKS-5HLVS-HI	Hybrid PV inverter grid-tied	TUV SUD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Jinko	JKS-6HLVS-HI	Hybrid PV inverter grid-tied	TUV SUD	2023/04/14		64.290.23.30521.01	D 118443 0019 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	TUV SUD	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	TUV SUD	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	TUV SUD	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	BCS50K-A	Battery based inverter grid-tied	TUV SUD	2022/09/22		64.290.22.30151.01	D 115067 0036 Rev.00		Yes	
KNVEE	LH5K-SL	Hybrid PV inverter grid-tied	Intertek	2023/09/14		2308A0281SHA-001	CN-PV-230529		Yes	Applicant requirements: List only this model.
KNVEE	LH6K-SL	Hybrid PV inverter grid-tied	Intertek	2023/09/14		2308A0281SHA-001	CN-PV-230529		Yes	Applicant requirements: List only this model.
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		
Kodak	Kodak I3.0	Grid-tied PV inverter	Dakra	2019/12/10		8065813 50	8065813 01AOC	Yes		
Kodak	Kodak I3.6	Grid-tied PV inverter	Dakra	2019/12/10		8065813 50	8065813 01AOC	Yes		
Kodak	Kodak I4.6	Grid-tied PV inverter	Dakra	2019/12/10		8065813 50	8065813 01AOC	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-ESS3K0H	Hybrid PV inverter grid-tied	TUV NORD	2023/07/03		TRPVP03166/23E/01	COCPPV03166/23E-02	Yes		
Koyoe	KY-ESS4K2H	Hybrid PV inverter grid-tied	TUV NORD	2023/07/03		TRPVP03166/23E/01	COCPPV03166/23E-02	Yes		
Koyoe	KY-ESS5K0H	Hybrid PV inverter grid-tied	TUV NORD	2023/07/03		TRPVP03166/23E/01	COCPPV03166/23E-02	Yes		
Koyoe	KY-ESS6K0H	Hybrid PV inverter grid-tied	TUV NORD	2023/07/03		TRPVP03166/23E/01	COCPPV03166/23E-02	Yes		
Koyoe	KY-ESS7K0H	Hybrid PV inverter grid-tied	TUV NORD	2023/07/03		TRPVP03166/23E/01	COCPPV03166/23E-02	Yes		
Koyoe	KY-ESS8K0H	Hybrid PV inverter grid-tied	TUV NORD	2023/07/03		TRPVP03166/23E/01	COCPPV03166/23E-02	Yes		
Koyoe	KY-EST06KH	Hybrid PV inverter grid-tied	TUV NORD	2021/10/15		TRPVP04039/21E/04	COCPPV04039/21E-01	Yes		
Koyoe	KY-EST06KH-A	Hybrid PV inverter grid-tied	TUV NORD	2021/12/30		TRPVP04039/21E/09	COCPPV04039/21E-02	Yes		
Koyoe	KY-EST08KH	Hybrid PV inverter grid-tied	TUV NORD	2021/10/15		TRPVP04039/21E/04	COCPPV04039/21E-01	Yes		
Koyoe	KY-EST08KH-A	Hybrid PV inverter grid-tied	TUV NORD	2021/12/30		TRPVP04039/21E/09	COCPPV04039/21E-02	Yes		
Koyoe	KY-EST10KH	Hybrid PV inverter grid-tied	TUV NORD	2021/10/15		TRPVP04039/21E/04	COCPPV04039/21E-01	Yes		
Koyoe	KY-EST10KH-A	Hybrid PV inverter grid-tied	TUV NORD	2021/12/30		TRPVP04039/21E/09	COCPPV04039/21E-02	Yes		
Koyoe	KY-EST12KH	Hybrid PV inverter grid-tied	TUV NORD	2021/10/15		TRPVP04039/21E/04	COCPPV04039/21E-01	Yes		
Koyoe	KY-EST12KH-A	Hybrid PV inverter grid-tied	TUV NORD	2021/12/30		TRPVP04039/21E/09	COCPPV04039/21E-02	Yes		
Koyoe	KY-EST15KH	Hybrid PV inverter grid-tied	TUV NORD	2021/10/15		TRPVP04039/21E/04	COCPPV04039/21E-01	Yes		
Koyoe	KY-EST15KH-A	Hybrid PV inverter grid-tied	TUV NORD	2021/12/30		TRPVP04039/21E/09	COCPPV04039/21E-02	Yes		
Koyoe	KY-EST17KH	Hybrid PV inverter grid-tied	TUV NORD	2021/10/15		TRPVP04039/21E/04	COCPPV04039/21E-01	Yes		
Koyoe	KY-EST17KH-A	Hybrid PV inverter grid-tied	TUV NORD	2021/12/30		TRPVP04039/21E/09	COCPPV04039/21E-02	Yes		
Koyoe	KY-EST20KH	Hybrid PV inverter grid-tied	TUV NORD	2021/10/15		TRPVP04039/21E/04	COCPPV04039/21E-01	Yes		
Koyoe	KY-EST20KH-A	Hybrid PV inverter grid-tied	TUV NORD	2021/12/30		TRPVP04039/21E/09	COCPPV04039/21E-02	Yes		
Koyoe	KY-EST30KH	Hybrid PV inverter grid-tied	TUV NORD	2023/05/31		TRPVP03166/23E/02	COCPPV03166/23E-01	Yes		
Koyoe	KY-EST35KH	Hybrid PV inverter grid-tied	TUV NORD	2023/05/31		TRPVP03166/23E/02	COCPPV03166/23E-01	Yes		
Koyoe	KY-EST40KH	Hybrid PV inverter grid-tied	TUV NORD	2023/05/31		TRPVP03166/23E/02	COCPPV03166/23E-01	Yes		
Koyoe	KY-EST45KH	Hybrid PV inverter grid-tied	TUV NORD	2023/05/31		TRPVP03166/23E/02	COCPPV03166/23E-01	Yes		
Koyoe	KY-EST50KH	Hybrid PV inverter grid-tied	TUV NORD	2023/05/31		TRPVP03166/23E/02	COCPPV03166/23E-01	Yes		
Koyoe	KY-EST15KH	Hybrid PV inverter grid-tied	TUV NORD	2023/05/31		TRPVP03166/23E/02	COCPPV03166/23E-01	Yes		
Koyoe	KY-EST16KH	Hybrid PV inverter grid-tied	TUV NORD	2023/05/31		TRPVP03166/23E/02	COCPPV03166/23E-01	Yes		
KSTAR	Blue-G 3000D	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02	Yes		
KSTAR	Blue-G 3000D-M0	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02	Yes		
KSTAR	Blue-G 3000D-M1	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02	Yes		
KSTAR	Blue-G 3000S	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02	Yes		
KSTAR	Blue-G 3000S-M1	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02	Yes		
KSTAR	Blue-G 3600D	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02	Yes		
KSTAR	Blue-G 3600D-M0	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02	Yes		
KSTAR	Blue-G 3600D-M1	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02	Yes		
KSTAR	Blue-G 4000D	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02	Yes		
KSTAR	Blue-G 4000D-M0	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02	Yes		
KSTAR	Blue-G 4000D-M1	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02	Yes		

KSTAR	Blue-G 4200D	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02			Yes	
KSTAR	Blue-G 4200D-M0	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02			Yes	
KSTAR	Blue-G 4200D-M1	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02			Yes	
KSTAR	Blue-G 4600D	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02			Yes	
KSTAR	Blue-G 4600D-M1	Grid-tied PV inverter	TUV SUD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02			Yes	
KSTAR	Blue-E-S 3680D	Hybrid PV inverter grid-tied	TUV SUD	2021/09/23		64.290.20.30989.03	D 075386 0136 Rev.02			Yes	
KSTAR	Blue-E-S 3680D-M1	Hybrid PV inverter grid-tied	TUV SUD	2021/09/23		64.290.20.30989.03	D 075386 0136 Rev.02			Yes	
KSTAR	Blue-E-S 5000D	Hybrid PV inverter grid-tied	TUV SUD	2021/09/23		64.290.20.30989.03	D 075386 0136 Rev.02			Yes	
KSTAR	Blue-E-S 5000D-M1	Hybrid PV inverter grid-tied	TUV SUD	2021/09/23		64.290.20.30989.03	D 075386 0136 Rev.02			Yes	
Lifelink	Life3.3Hyb02	Hybrid PV inverter grid-tied	Dongguan Balun	2022/05/19		BL-DG2240044-B01	BL-DG2240044D01			Yes	
Lifelink	Life3.5Hyb02	Hybrid PV inverter grid-tied	Dongguan Balun	2022/05/19		BL-DG2240044-B01	BL-DG2240044D01			Yes	
Livoltex	Retro-2000	Battery based inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes			
Livoltex	Retro-3000	Battery based inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes			
Livoltex	Retro-3680	Battery based inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes			
Livoltex	Retro-4600	Battery based inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes			
Livoltex	Retro-5000	Battery based inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes			
Livoltex	HP3-10KDP1	Grid-tied PV inverter	Intertek	2023/10/26		230900652SHA-001	CN-PV-230589			Yes	
Livoltex	HP3-12KDP1	Grid-tied PV inverter	Intertek	2023/10/26		230900652SHA-001	CN-PV-230589			Yes	
Livoltex	HP3-17KDP1	Grid-tied PV inverter	Intertek	2023/10/26		230900652SHA-001	CN-PV-230589			Yes	
Livoltex	HP3-20KDP1	Grid-tied PV inverter	Intertek	2023/10/26		230900652SHA-001	CN-PV-230589			Yes	
Livoltex	HP3-25KDP1	Grid-tied PV inverter	Intertek	2023/10/26		230900652SHA-001	CN-PV-230589			Yes	
Livoltex	HP3-30KDP1	Grid-tied PV inverter	Intertek	2023/10/26		230900652SHA-001	CN-PV-230589			Yes	
Livoltex	HP3-8KDP1	Grid-tied PV inverter	Intertek	2023/10/26		230900652SHA-001	CN-PV-230589			Yes	
Livoltex	Hyper-2000	Hybrid PV inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes			
Livoltex	Hyper-3000	Hybrid PV inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes			
Livoltex	Hyper-3680	Hybrid PV inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes			
Livoltex	Hyper-4600	Hybrid PV inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes			
Livoltex	Hyper-5000	Hybrid PV inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes			
											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 to 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.
Loxot	PMVF 80	Network & system relay	TUV Rheinland	2020/10/28		TR-496879-82695-04 [Ed 01]	D 084111 Rev. 00	No		No	
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 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	LXP-LB-EU 8K	Hybrid PV inverter grid-tied	Intertek	2022/08/16		211111140GZU-001	CN-PV-220166			Yes	
Lux Power	SNA3000 WVP	Hybrid PV inverter grid-tied	Intertek	2023/05/31		230315003GZU-001	CN-PV-230280			Yes	
Lux Power	SNA4000 WVP	Hybrid PV inverter grid-tied	Intertek	2023/05/31		230315003GZU-001	CN-PV-230280			Yes	
Lux Power	SNA5000 WVP	Hybrid PV inverter grid-tied	Intertek	2023/05/31		230315003GZU-001	CN-PV-230280			Yes	
Lux Power	SNA6000 WVP	Hybrid PV inverter grid-tied	Intertek	2023/05/31		230315003GZU-001	CN-PV-230280			Yes	
Mecer	Mecer Soli-1IS-10M	Hybrid PV inverter grid-tied	Bureau Veritas	2020/10/30		PVZA180904N057-R1	2088AP0923N001002	Yes			
Megarevo	MEGA0030T	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E-01	COCPVP08069/23E-01			Yes	
Megarevo	MEGA0030TS	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E-10	COCPVP08069/23E-01			Yes	
Megarevo	MEGA0050T	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E-10	COCPVP08069/23E-01			Yes	
Megarevo	MEGA0050TS	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E-01	COCPVP08069/23E-01			Yes	
Megarevo	MEGA0100T	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E-10	COCPVP08069/23E-01			Yes	
Megarevo	MEGA0100TS	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E-10	COCPVP08069/23E-01			Yes	
Megarevo	MEGA0150T	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E-12	COCPVP08069/23E-02			Yes	
Megarevo	MEGA0150TS	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E-12	COCPVP08069/23E-02			Yes	
Megarevo	MEGA0250T	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E-12	COCPVP08069/23E-02			Yes	
Megarevo	MEGA0250TS	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E-12	COCPVP08069/23E-02			Yes	
Megarevo	MEGA0500T	Battery based inverter grid-tied	TUV Rheinland	2023/12/05		CN229F6J_005	AK 50609158 0001			Yes	
Megarevo	MEGA0500TS	Battery based inverter grid-tied	TUV Rheinland	2023/12/05		CN229F6J_005	AK 50609158 0001			Yes	
Megarevo	MPS00100	Hybrid PV inverter grid-tied	TUV NORD	2022/05/13		TRPVP11037/21E-01	COCPVP11037/21E-02			Yes	
Megarevo	MPS00150	Hybrid PV inverter grid-tied	TUV 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	MPS0030	Hybrid PV inverter grid-tied	TUV NORD	2022/05/13		TRPVP11037/21E-01	COCPVP11037/21E-02			Yes	
Megarevo	MPS0050	Hybrid PV inverter grid-tied	TUV NORD	2022/05/13		TRPVP11037/21E-01	COCPVP11037/21E-02			Yes	
Megarevo	MPS00500	Hybrid PV inverter grid-tied	TUV Rheinland	2023/01/12		CN229F6J_001	AK 50571114 0001			Yes	
Megarevo	R3K6L1	Hybrid PV inverter grid-tied	TUV SUD	2022/01/14		64.290.21.30686.01	D 115385 0001 Rev. 00			Yes	
Megarevo	R3K6L1-G2	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/31		CYI-ESH-P22120488	U23-0750			Yes	
Megarevo	R3KL1	Hybrid PV inverter grid-tied	TUV SUD	2022/01/14		64.290.21.30686.01	D 115385 0001 Rev. 00			Yes	
Megarevo	R3KL1-G2	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/31		CYI-ESH-P22120488	U23-0750			Yes	
Megarevo	R4K6L1	Hybrid PV inverter grid-tied	TUV SUD	2022/01/14		64.290.21.30686.01	D 115385 0001 Rev. 00			Yes	
Megarevo	R4K6L1-G2	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/31		CYI-ESH-P22120488	U23-0750			Yes	
Megarevo	R4KL1	Hybrid PV inverter grid-tied	TUV SUD	2022/01/14		64.290.21.30686.01	D 115385 0001 Rev. 00			Yes	
Megarevo	R4KL1-G2	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/31		CYI-ESH-P22120488	U23-0750			Yes	
Megarevo	R5KL1	Hybrid PV inverter grid-tied	TUV SUD	2022/01/14		64.290.21.30686.01	D 115385 0001 Rev. 00			Yes	
Megarevo	R5KL1-G2	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/31		CYI-ESH-P22120488	U23-0750			Yes	
Megarevo	R6KL1	Hybrid PV inverter grid-tied	TUV SUD	2022/01/14		64.290.21.30686.01	D 115385 0001 Rev. 00			Yes	
Megarevo	R6KL1-G2	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/31		CYI-ESH-P22120488	U23-0750			Yes	
Megarevo	R8KL1	Hybrid PV inverter grid-tied	TUV SUD	2022/01/26		64.290.21.30836.01	D 115385 0002 Rev. 00			Yes	
Megarevo	R8KL1-G2	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/31		CYI-ESH-P22120488	U23-0750			Yes	
Midea	ME-HSSL-A	Hybrid PV inverter grid-tied	TUV Rheinland	2023/06/26		CN2395FN 001	AK 50590262 0001			Yes	Applicant requirements: List Model ME-HSSL-A only.
Midea	ME-HSSL	Hybrid PV inverter grid-tied	TUV SUD	2023/04/26		64.290.23.30325.01	D 072433 1250 Rev. 00			Yes	
Neovolt	BW-INV-SPB5K	Battery based inverter grid-tied	Intertek	2023/03/27		221215057GZU-006	CN-PV-230121			Yes	
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	
Ofstar	VENSKHB-D1	Hybrid PV inverter grid-tied	TUV SUD	2023/10/20		64.290.23.31437.01	D122465 0001 Rev. 00			Yes	
Ofstar	VENSKHB-D1	Hybrid PV inverter grid-tied	TUV SUD	2023/10/09		64.290.23.31438.01	D122465 0002 Rev. 00			Yes	
Ohm	OHM-3.6K-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-6K-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-8K-W	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/02/26		BL-SZ1910095-B02	BL-SZ1910095-D02	Yes			
Onesto	OST 4600HB-120	Hybrid PV inverter grid-tied	TUV Rheinland	2023/05/11		CN23UTJN 001	AK 50580973 0001			Yes	
Onesto	OST 4600HB-60	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 5000HB-120	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 5KAC	Battery based 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 6000HB-60	Hybrid PV 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	
Ucco	M3K6ES	Hybrid PV inverter grid-tied	TUV SUD	2022/01/25	64.290.22.30047.01		D 115420 0001 Rev.00		Yes	
Ucco	M3KES	Hybrid PV inverter grid-tied	TUV SUD	2022/01/25	64.290.22.30047.01		D 115420 0001 Rev.00		Yes	
Ucco	M4K6ES	Hybrid PV inverter grid-tied	TUV SUD	2022/01/25	64.290.22.30047.01		D 115420 0001 Rev.00		Yes	
Ucco	M4KES	Hybrid PV inverter grid-tied	TUV SUD	2022/01/25	64.290.22.30047.01		D 115420 0001 Rev.00		Yes	
Ucco	M5KES	Hybrid PV inverter grid-tied	TUV SUD	2022/01/25	64.290.22.30047.01		D 115420 0001 Rev.00		Yes	
Ucco	M6KES	Hybrid PV inverter grid-tied	TUV SUD	2022/01/25	64.290.22.30047.01		D 115420 0001 Rev.00		Yes	
Ucco	M8KDS	Hybrid PV inverter grid-tied	TUV SUD	2022/01/27	64.290.22.30048.01		D 115420 0002 Rev.00		Yes	
Powercent	PC-INV-SPB5K	Hybrid PV inverter grid-tied	Intertek	2023/08/02	230501592SHA-001,	230501592SHA-001 Revision 1	CN-PV-230318R1		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	
Powerlannk	GH-3K6HL	Hybrid PV inverter grid-tied	TUV SUD	2022/11/11	64.290.22.31476.01		D 110578 0002 Rev.00		Yes	
Powerlannk	GH-3KHL	Hybrid PV inverter grid-tied	TUV SUD	2022/11/11	64.290.22.31476.01		D 110578 0002 Rev.00		Yes	
Powerlannk	GH-4K6HL	Hybrid PV inverter grid-tied	TUV SUD	2022/11/11	64.290.22.31476.01		D 110578 0002 Rev.00		Yes	
Powerlannk	GH-4KHL	Hybrid PV inverter grid-tied	TUV SUD	2022/11/11	64.290.22.31476.01		D 110578 0002 Rev.00		Yes	
Powerlannk	GH-5KHL	Hybrid PV inverter grid-tied	TUV SUD	2022/11/11	64.290.22.31476.01		D 110578 0002 Rev.00		Yes	
Powerlannk	GH-6KHL	Hybrid PV inverter grid-tied	TUV SUD	2022/11/11	64.290.22.31476.01		D 110578 0002 Rev.00		Yes	
QVWI	CVG1QV-5kW	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26	CN23SO0Q 001		AK 50614544 0001		Yes	
QVWI	CVG5QV-3K6W60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26	CN23SO0Q 001		AK 50614544 0001		Yes	
QVWI	CVG6QV-3K6W60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26	CN23SO0Q 001		AK 50614544 0001		Yes	
QVWI	CVG7QV-4K6W60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26	CN23SO0Q 001		AK 50614544 0001		Yes	
QVWI	CVG8QV-5KW60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26	CN23SO0Q 001		AK 50614544 0001		Yes	
QVWI	CVG9QV-6KW60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26	CN23SO0Q 001		AK 50614544 0001		Yes	
QVWI	CVGAQV-4K6W	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26	CN23SO0Q 001		AK 50614544 0001		Yes	
QVWI	CVG8QV-3kW	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26	CN23SO0Q 001		AK 50614544 0001		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	PVZA2101WBG0269		2188AP0269001		Yes	
Royel	RH 10K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30	221102934SHA-004		CN-PV-230379		Yes	
Royel	RH 3.6K-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 4K-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	
RoyPow	SUN3600S-SE	Hybrid PV inverter grid-tied	TUV SUD	2023/06/29	64.290.23.30701.01		D 117120 0005 Rev.00		Yes	
RoyPow	SUN4600S-SE	Hybrid PV inverter grid-tied	TUV SUD	2023/06/29	64.290.23.30701.01		D 117120 0005 Rev.00		Yes	
RoyPow	SUN5000S-SE	Hybrid PV inverter grid-tied	TUV SUD	2023/06/29	64.290.23.30701.01		D 117120 0005 Rev.00		Yes	
RoyPow	SUN6000S-SE	Hybrid PV inverter grid-tied	TUV SUD	2023/06/29	64.290.23.30701.01		D 117120 0005 Rev.00		Yes	
SAJ	H1-3.6K-S2	Hybrid PV inverter grid-tied	TUV SUD	2022/11/18	64.290.20.30788.02		D 077831 0019 Rev.01		Yes	
SAJ	H1-3K-S2	Hybrid PV inverter grid-tied	TUV SUD	2022/11/18	64.290.20.30788.02		D 077831 0019 Rev.01		Yes	
SAJ	H1-4.6K-LS2	Hybrid PV inverter grid-tied	TUV SUD	2022/11/18	64.290.20.30788.02		D 077831 0019 Rev.01		Yes	
SAJ	H1-4.6K-S2	Hybrid PV inverter grid-tied	TUV SUD	2022/11/18	64.290.20.30788.02		D 077831 0019 Rev.01		Yes	
SAJ	H1-4K-S2	Hybrid PV inverter grid-tied	TUV SUD	2022/11/18	64.290.20.30788.02		D 077831 0019 Rev.01		Yes	
SAJ	H1-5K-LS2	Hybrid PV inverter grid-tied	TUV SUD	2022/11/18	64.290.20.30788.02		D 077831 0019 Rev.01		Yes	
SAJ	H1-5K-S2	Hybrid PV inverter grid-tied	TUV SUD	2022/11/18	64.290.20.30788.02		D 077831 0019 Rev.01		Yes	
Salvare	Salvare 10 PRO	Hybrid PV inverter grid-tied	TUV SUD	2023/11/10	64.290.23.31727.01		D 123264 0001 Rev.00		Yes	
Salvare	Salvare 6 PRO	Hybrid PV inverter grid-tied	TUV SUD	2023/11/10	64.290.23.31727.01		D 123264 0001 Rev.00		Yes	
Salvare	Salvare Pro 6kw	Hybrid PV inverter grid-tied	TUV Rheinland	2023/12/01	CN2322U7 001		AK 50609510 0001		Yes	
Schneider	CL 33	Grid-tied PV inverter	TUV 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	TUV 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	Conext CL-60E	Grid-tied PV inverter	TUV SUD	2018/02/09	701261703501-01		D 18 01 98208 006		Yes	
Schneider	XW+8548E	Battery based inverter grid-tied	TUV Rheinland	2020/08/11	5032684 002		AK 50477341 0001		Yes	
Sermatec	SMT-10K-TL-LV	Hybrid PV inverter grid-tied	TUV SUD	2019/07/25	64.290.18.04743.01		D 102650 0009		Yes	
Sermatec	SMT-5K-TL-LV	Hybrid PV inverter grid-tied	TUV SUD	2019/06/25	64.290.19.01426.01		D 102650 0007		Yes	
Sigenergy	SiGen PV Max 17.0 TP	Grid-tied PV inverter	Intertek	2024/01/09	230705154GZU-001		CN-PV-240012		Yes	
Sigenergy	SiGen PV Max 10.0 TP	Grid-tied PV inverter	Intertek	2024/01/09	230705154GZU-001		CN-PV-240012		Yes	
Sigenergy	SiGen PV Max 12.0 TP	Grid-tied PV inverter	Intertek	2024/01/09	230705154GZU-001		CN-PV-240012		Yes	
Sigenergy	SiGen PV Max 25.0 TP	Grid-tied PV inverter	Intertek	2024/01/09	230705154GZU-001		CN-PV-240012		Yes	
Sigenergy	SiGenStor EC 10.0 TP	Hybrid PV inverter grid-tied	Intertek	2024/01/09	230705154GZU-001		CN-PV-240012		Yes	
Sigenergy	SiGenStor EC 12.0 TP	Hybrid PV inverter grid-tied	Intertek	2024/01/09	230705154GZU-001		CN-PV-240012		Yes	
Sigenergy	SiGenStor EC 20.0 TP	Hybrid PV inverter grid-tied	Intertek	2024/01/09	230705154GZU-001		CN-PV-240012		Yes	
Sigenergy	SiGenStor EC 25.0 TP	Hybrid PV inverter grid-tied	Intertek	2024/01/09	230705154GZU-001		CN-PV-240012		Yes	
Sigenergy	SiGen PV Max 15.0 TP	Grid-tied PV inverter	Intertek	2024/01/09	230705154GZU-001		CN-PV-240012		Yes	
Sigenergy	SiGen PV Max 20.0 TP	Grid-tied PV inverter	Intertek	2024/01/09	230705154GZU-001		CN-PV-240012		Yes	
Sigenergy	SiGen PV Max 8.0 TP	Grid-tied PV inverter	Intertek	2024/01/09	230705154GZU-001		CN-PV-240012		Yes	
Sigenergy	SiGenStor EC 15.0 TP	Hybrid PV inverter grid-tied	Intertek	2024/01/09	230705154GZU-001		CN-PV-240012		Yes	
Sigenergy	SiGenStor EC 17.0 TP	Hybrid PV inverter grid-tied	Intertek	2024/01/09	230705154GZU-001		CN-PV-240012		Yes	
Sigenergy	SiGenStor EC 3.0 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19	CN23Q552 001		AK 50598929 0001		Yes	
Sigenergy	SiGenStor EC 3.6 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19	CN23Q552 001		AK 50598929 0001		Yes	
Sigenergy	SiGenStor EC 4.0 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19	CN23Q552 001		AK 50598929 0001		Yes	
Sigenergy	SiGenStor EC 4.6 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19	CN23Q552 001		AK 50598929 0001		Yes	
Sigenergy	SiGenStor EC 5.0 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19	CN23Q552 001		AK 50598929 0001		Yes	
Sigenergy	SiGenStor EC 6.0 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19	CN23Q552 001		AK 50598929 0001		Yes	
Sigenergy	SiGenStor EC 8.0 TP	Hybrid PV inverter grid-tied	Intertek	2024/01/09	230705154GZU-001		CN-PV-240012		Yes	
Sineng	SP-120K-BL	Grid-tied PV inverter	TUV SUD	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	TUV SUD	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	PWG2-100K-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.
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.
Sinotec	HT-5KW-A	Hybrid PV inverter grid-tied	TUV NORD	2023/12/05		TRPVP11012/23E-01	COCPPV11012/23E-01		Yes	
Sinotec	HT-6KW-A	Hybrid PV inverter grid-tied	TUV NORD	2023/12/05		TRPVP11012/23E-01	COCPPV11012/23E-01		Yes	
Sinotec	HT-8KW-A	Hybrid PV inverter grid-tied	TUV NORD	2024/01/19		TRPVP12110/23E-01	COCPPV12110/23E-01		Yes	
Sinotec	SAIO-5K	Hybrid PV inverter grid-tied	Dongguan Balun	2024/03/26		BL-DG2430558-201	BL-DG2430558D01		Yes	
Skyworth	CVG1QV-5KW	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
Skyworth	CVG1SW-5KW	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
Skyworth	CVG5QV-3K6W60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
Skyworth	CVG5SW-3K6W60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
Skyworth	CVG6QV-3K68W60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
Skyworth	CVG6SW-3K68W60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
Skyworth	CVG7QV-4K6W60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
Skyworth	CVG7SW-4K6W60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
Skyworth	CVG8QV-5KW60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
Skyworth	CVG8SW-5KW60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
Skyworth	CVG9QV-6KW60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
Skyworth	CVG9SW-6KW60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
Skyworth	CVGAQV-4K6W	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
Skyworth	CVGASW-4K6W	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
Skyworth	CVGBQV-6KW	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
Skyworth	CVGBSW-6KW	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes	
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	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	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	
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	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	STP10.0-3AV-40	Grid-tied PV inverter	Bureau Veritas	2021/07/14		18TH0325-NRS-2-1 0	U21-0661		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	TUV SÜD	2023/04/03		713254379-006	ESY 070122 0044 Rev.00		Yes	
SMA	STP15-50	Grid-tied PV inverter	TUV SÜD	2023/04/03		713254379-006	ESY 070122 0044 Rev.00		Yes	
SMA	STP20-50	Grid-tied PV inverter	TUV SÜD	2023/04/03		713254379-006	ESY 070122 0044 Rev.00		Yes	
SMA	STP25-50	Grid-tied PV inverter	TUV SÜD	2023/04/03		713254379-006	ESY 070122 0044 Rev.00		Yes	
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	STP5.0-3SE-40	Hybrid PV inverter grid-tied	TUV Rheinland	2022/02/21		CN210918 001	AK 50510847 0001		Yes	
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	STP60-41	Grid-tied PV inverter	Bureau Veritas	2023/03/08		17TH0199-NRS 097-2-1 4	U23-0185		Yes	
SMA	STP6.0-3AV-40	Grid-tied PV inverter	Bureau Veritas	2021/07/14		18TH0325-NRS-2-1 0	U21-0661		Yes	
SMA	STP6.0-3SE-40	Hybrid PV inverter grid-tied	TUV Rheinland	2022/02/21		CN210918 001	AK 50510847 0001		Yes	
SMA	STP80-10	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	STP8.0-3AV-40	Grid-tied PV inverter	Bureau Veritas	2021/07/14		18TH0325-NRS-2-1 0	U21-0661		Yes	
SMA	STP8.0-3SE-40	Hybrid PV inverter grid-tied	TUV Rheinland	2022/02/21		CN210918 001	AK 50510847 0001		Yes	
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.
Sofar Solar	3.6KTLM-G3	Grid-tied PV inverter	Intertek	2021/08/09		210715145GZU-002	CN-PV-210185		Yes	
Sofar Solar	3KTLM-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	4KTLM-G3	Grid-tied PV inverter	Intertek	2021/08/09		210715145GZU-002	CN-PV-210185		Yes	
Sofar Solar	5000TL	Grid-tied PV inverter	Intertek	2019/12/19		191025090GZU-001	CN-PV-190090	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	6000TL	Grid-tied PV inverter	Intertek	2019/12/19		191025090GZU-001	CN-PV-190090	Yes		
Sofar Solar	6KTLM-G3	Grid-tied PV inverter	Intertek	2021/08/09		210715145GZU-002	CN-PV-210185		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	HYD 3000-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	

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-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-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-40K	Grid-tied PV inverter	TUV 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-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-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	Grid-tied PV inverter	TUV 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-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-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-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-mini-700-4G	Grid-tied PV inverter	Dekra	2017/11/17		6018912.51	6018912.02AOC	Yes		
Solis	Solis-RHI-3.6-48ES	Hybrid PV inverter grid-tied	TUV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00	Yes		
Solis	Solis-RHI-3.6-48ES-5G	Hybrid PV inverter grid-tied	TUV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00	Yes		
Solis	Solis-RHI-3K-48ES	Hybrid PV inverter grid-tied	TUV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00	Yes		
Solis	Solis-RHI-3K-48ES-5G	Hybrid PV inverter grid-tied	TUV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00	Yes		
Solis	Solis-RHI-4.6K-48ES	Hybrid PV inverter grid-tied	TUV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00	Yes		
Solis	Solis-RHI-4.6K-48ES-5G	Hybrid PV inverter grid-tied	TUV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00	Yes		
Solis	Solis-RHI-5K-48ES	Hybrid PV inverter grid-tied	TUV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00	Yes		
Solis	Solis-RHI-5K-48ES-5G	Hybrid PV inverter grid-tied	TUV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00	Yes		
Solis	Solis-RHI-6K-48ES-5G	Hybrid PV inverter grid-tied	TUV SÜD	2020/12/22		704092008124-00	D 0864700076 Rev 00	Yes		
Solplanet	ASW30K-LT-G2	Grid-tied PV inverter	TUV 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	TUV 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	TUV 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	TUV 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	TUV 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	TUV 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	TUV 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	TUV 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	TUV 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	Solplanet ASW3000H-S2	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/07		CN22VY7J 001	AK 50550802 0001	Yes		
Solplanet	Solplanet ASW3680H-S2	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/07		CN22VY7J 001	AK 50550802 0001	Yes		
Solplanet	Solplanet ASW4000H-S2	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/07		CN22VY7J 001	AK 50550802 0001	Yes		
Solplanet	Solplanet ASW5000H-S2	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/07		CN22VY7J 001	AK 50550802 0001	Yes		
Solplanet	Solplanet ASW6000H-S2	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/07		CN22VY7J 001	AK 50550802 0001	Yes		
Specialised Battery Services (SBS)	SBS 5KHB-120	Hybrid PV inverter grid-tied	TUV Rheinland	2023/12/19		CN23J07B 001	AK 50609817 0001	Yes		
Specialised Battery Services (SBS)	SBS 6KHB-120	Hybrid PV inverter grid-tied	TUV Rheinland	2023/12/19		CN23J07B 001	AK 50609817 0001	Yes		
Specialised Battery Services (SBS)	SBS 8KHB-T	Hybrid PV inverter grid-tied	TUV SÜD	2023/08/25		64.290.23.31113.01	D 122203 0001 Rev.00	Yes		
Specialised Battery Services (SBS)	SBS 10KHB-T	Hybrid PV inverter grid-tied	TUV SÜD	2023/08/25		64.290.23.31113.01	D 122203 0001 Rev.00	Yes		
Soltaro	SOL-10KW-3P	Hybrid PV inverter grid-tied	TUV SÜD	2019/07/26		642901804730A1	D 104877 0003	Yes		
SRNE	ASF48100S200-H	Hybrid PV inverter grid-tied	Dongguan Balun	2024/01/19		BL-DG23C0700-201	BL-DG23C0700D01	Yes		
SRNE	ASF4880S180-H	Hybrid PV inverter grid-tied	Dongguan Balun	2024/01/19		BL-DG23C0700-201	BL-DG23C0700D01	Yes		
SRNE	ASP48100S200-H	Hybrid PV inverter grid-tied	Dongguan Balun	2024/01/19		BL-DG23C0700-201	BL-DG23C0700D01	Yes		
SRNE	ASP4880S180-H	Hybrid PV inverter grid-tied	Dongguan Balun	2024/01/19		BL-DG23C0700-201	BL-DG23C0700D01	Yes		
SRNE	HESP48100S200-H	Hybrid PV inverter grid-tied	TUV NORD	2023/12/13		TRPVP06096/23E/02	COCPVP06096/23E-02	Yes		
SRNE	HESP48120S200-H	Hybrid PV inverter grid-tied	TUV NORD	2023/12/13		TRPVP06096/23E/02	COCPVP06096/23E-02	Yes		
SRNE	HESP4840S100-H	Hybrid PV inverter grid-tied	TUV NORD	2023/11/06		TRPVP06096/23E/01	COCPVP06096/23E-01	Yes		
SRNE	HESP4846S100-H	Hybrid PV inverter grid-tied	TUV NORD	2023/11/06		TRPVP06096/23E/01	COCPVP06096/23E-01	Yes		
SRNE	HESP4850S100-H	Hybrid PV inverter grid-tied	TUV NORD	2023/11/06		TRPVP06096/23E/01	COCPVP06096/23E-01	Yes		
SRNE	HESP4855S100-H	Hybrid PV inverter grid-tied	TUV NORD	2023/11/06		TRPVP06096/23E/01	COCPVP06096/23E-01	Yes		
SRNE	HESP4860S100-H	Hybrid PV inverter grid-tied	TUV NORD	2023/11/06		TRPVP06096/23E/01	COCPVP06096/23E-01	Yes		
SRNE	HESP4880S200-H	Hybrid PV inverter grid-tied	TUV NORD	2023/12/13		TRPVP06096/23E/02	COCPVP06096/23E-02	Yes		
SRNE	HYP4840S100-H	Hybrid PV inverter grid-tied	Dongguan Balun	2024/02/05		BL-DG23C0689-201	BL-DG23C0689D01	Yes		
SRNE	HYP4860S100-H	Hybrid PV inverter grid-tied	Dongguan Balun	2024/02/05		BL-DG23C0689-201	BL-DG23C0689D01	Yes		
SRNE	HYP4860S100-H	Hybrid PV inverter grid-tied	Dongguan Balun	2024/02/05		BL-DG23C0689-201	BL-DG23C0689D01	Yes		
SRNE	SR-EOT05S-220	Hybrid PV inverter grid-tied	Dongguan Balun	2024/02/05		BL-DG23C0689-201	BL-DG23C0689D01	Yes		
SRNE	SR-EOV05C-220	Hybrid PV inverter grid-tied	Dongguan Balun	2024/02/05		BL-DG23C0689-201	BL-DG23C0689D01	Yes		
Sungrow	SC50HV	Battery based inverter grid-tied	TUV SÜD	2021/08/09		704092103524-00	D 0733420345 Rev.00	Yes		
Sungrow	SC50HV-20	Battery based inverter grid-tied	TUV SÜD	2021/08/09		704092103524-00	D 0733420345 Rev.00	Yes		
Sungrow	SG110CX	Grid-tied PV inverter	TUV 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	SG110CX-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.

Sungrow	SG33CX	Grid-tied PV inverter	TUV 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	SG36KTL-M	Grid-tied PV inverter	TUV SUD	2018/03/26		704091708604-01	D180373342197	Yes		
Sungrow	SG40CX	Grid-tied PV inverter	TUV 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	TUV 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	SG60KTL	Grid-tied PV inverter	TUV SUD	2018/02/08		704091708605-01	D180173342198	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	SG80KTL	Grid-tied PV inverter	Dakra	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	Dakra	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	SH10RT	Hybrid PV inverter grid-tied	TUV NORD & Shenzhen Balun	2020/07/24		TRSHV11090/19/03	COCSHV11090/19-04	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	SH5.0RT	Hybrid PV inverter grid-tied	TUV NORD & Shenzhen Balun	2020/07/24		TRSHV11090/19/03	COCSHV11090/19-04	Yes		
Sungrow	SH5K-20	Hybrid PV inverter grid-tied	Dakra	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	Dakra	2020/03/27		6072682.50	6072682.01AOC	Yes		
Sungrow	SH6.0RS	Hybrid PV inverter grid-tied	TUV Rheinland	2022/03/15		CN22QHUH 001	AK 50536847 0001	Yes		
Sungrow	SH6.0RT	Hybrid PV inverter grid-tied	TUV NORD & Shenzhen Balun	2020/07/24		TRSHV11090/19/03	COCSHV11090/19-04	Yes		
Sungrow	SH8.0RT	Hybrid PV inverter grid-tied	TUV NORD & Shenzhen Balun	2020/07/24		TRSHV11090/19/03	COCSHV11090/19-04	Yes		
Sunpro	SP3K6L1	Hybrid PV inverter grid-tied	TUV SUD	2022/08/16		64.290.22.30154.01	D 107931 0034 Rev.00	Yes		
Sunpro	SP3KL1	Hybrid PV inverter grid-tied	TUV SUD	2022/08/16		64.290.22.30154.01	D 107931 0034 Rev.00	Yes		
Sunpro	SP4K6L1	Hybrid PV inverter grid-tied	TUV SUD	2022/08/16		64.290.22.30154.01	D 107931 0034 Rev.00	Yes		
Sunpro	SP4KL1	Hybrid PV inverter grid-tied	TUV SUD	2022/08/16		64.290.22.30154.01	D 107931 0034 Rev.00	Yes		
Sunpro	SP5KL1	Hybrid PV inverter grid-tied	TUV SUD	2022/08/16		64.290.22.30154.01	D 107931 0034 Rev.00	Yes		
Sunpro	SP6KL1	Hybrid PV inverter grid-tied	TUV SUD	2022/08/16		64.290.22.30154.01	D 107931 0034 Rev.00	Yes		
Sunsynk	LIFE2.5HYB02	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239D01	BL-DG2351239D01	Yes		
Sunsynk	LIFE3.6HYB02	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239D01	BL-DG2351239D01	Yes		
Sunsynk	LIFE5.5HYB02	Hybrid PV inverter grid-tied	Dongguan Balun	2024/02/20		BL-DG23C0803-201	BL-DG23C0803D01	Yes		
Sunsynk	SM5.5KWPL	Hybrid PV inverter grid-tied	Dongguan Balun	2024/02/20		BL-DG23C0803-201	BL-DG23C0803D01	Yes		
Sunsynk	SM5.5KWLS	Hybrid PV inverter grid-tied	Dongguan Balun	2024/02/20		BL-DG23C0803-201	BL-DG23C0803D01	Yes		
Sunsynk	SM5.5KWLL	Hybrid PV inverter grid-tied	Dongguan Balun	2024/02/20		BL-DG23C0803-201	BL-DG23C0803D01	Yes		
Sunsynk	SM5.5KWGB	Hybrid PV inverter grid-tied	Dongguan Balun	2024/02/20		BL-DG23C0803-201	BL-DG23C0803D01	Yes		
Sunsynk	SM2.5KWLL	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239D01	BL-DG2351239D01	Yes		
Sunsynk	SM2.5KWLS	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239D01	BL-DG2351239D01	Yes		
Sunsynk	SM2.5KWPL	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239D01	BL-DG2351239D01	Yes		
Sunsynk	SM3.6KWLL	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239D01	BL-DG2351239D01	Yes		
Sunsynk	SM3.6KWLS	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239D01	BL-DG2351239D01	Yes		
Sunsynk	SM3.6KWPL	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/13		BL-DG2351239D01	BL-DG2351239D01	Yes		
Sunsynk	Sunsynk-10K-SG02LP1	Hybrid PV inverter grid-tied	TUV Rheinland	2023/11/03		CN231B9V 002	AK 50606998 0001	Yes		
Sunsynk	Sunsynk-12K-SG02LP1	Hybrid PV inverter grid-tied	TUV Rheinland	2023/11/03		CN231B9V 002	AK 50606998 0001	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-3.6K-SG01LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03	Yes		
Sunsynk	SUNSYNK-3.6K-SG03LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/19		BL-DG2370523-201	BL-DG2370523D01	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-3K-SG03LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/19		BL-DG2370523-201	BL-DG2370523D01	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	Sunsynk-5K-SG01LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03	Yes		
Sunsynk	SUNSYNK-5K-SG03LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/19		BL-DG2370523-201	BL-DG2370523D01	Yes		
Sunsynk	Sunsynk-6K-SG01LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03	Yes		
Sunsynk	SUNSYNK-6K-SG03LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2023/07/19		BL-DG2370523-201	BL-DG2370523D01	Yes		
Sunsynk	Sunsynk-7.6K-SG01LP1	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03	Yes		
Sunsynk	Sunsynk-8K-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-10K-SG04LP3	Hybrid PV inverter grid-tied	TUV NORD & Shenzhen Balun	2021/06/10		BL-DG2160287-B01	BL-DG2160288D01	Yes		
Sunsynk	Synk-12K-SG01LP1	Hybrid PV inverter grid-tied	TUV Rheinland	2022/05/31		CN22MSO 002	AK 50546025 0001	Yes		
Sunsynk	SYNK-12K-SG04LP3	Hybrid PV inverter grid-tied	TUV NORD & Shenzhen Balun	2021/06/10		BL-DG2160287-B01	BL-DG2160288D01	Yes		
Sunsynk	Synk-14K-SG01LP1	Hybrid PV inverter grid-tied	TUV Rheinland	2022/05/31		CN22MSO 002	AK 50546025 0001	Yes		
Sunsynk	Synk-16K-SG01LP1	Hybrid PV inverter grid-tied	TUV Rheinland	2021/09/01		CN22MSO 002	AK 50546025 0001	Yes		
Sunsynk	Synk-3.6K-SG02LP1	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-3.6K-SG04LP1	Hybrid PV inverter grid-tied	TUV Rheinland	2023/01/05		CN22MT63 002	AK 50570087 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-5K-SG02LP1	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-5K-SG04LP1	Hybrid PV inverter grid-tied	TUV Rheinland	2023/01/05		CN22MT63 002	AK 50570087 0001	Yes		
Sunsynk	Synk-6K-SG02LP1	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-6K-SG04LP1	Hybrid PV inverter grid-tied	TUV Rheinland	2023/01/05		CN22MT63 002	AK 50570087 0001	Yes		
Sunsynk	SYNK-6K-SG04LP3	Hybrid PV inverter grid-tied	TUV NORD & Shenzhen Balun	2021/06/10		BL-DG2160287-B01	BL-DG2160288D01	Yes		
Sunsynk	Synk-7.6K-SG02LP1	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-8K-SG02LP1-B	Hybrid PV inverter grid-tied	Dongguan Balun	2022/03/30		BL-DG2220307-B01	BL-DG2220307D03	Yes		
Sunsynk	SYNK-8K-SG04LP3	Hybrid PV inverter grid-tied	TUV NORD & Shenzhen Balun	2021/06/10		BL-DG2160287-B01	BL-DG2160288D01	Yes		
Sunsynk	SUNSYNK-5K-SG01HP3-EU-AM2	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/10		CN233P2U 002	AK 50573872 0001	Yes		
Sunsynk	SUNSYNK-6K-SG01HP3-EU-AM2	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/10		CN233P2U 002	AK 50573872 0001	Yes		
Sunsynk	SUNSYNK-8K-SG01HP3-EU-AM2	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/10		CN233P2U 002	AK 50573872 0001	Yes		

Sunsynk	SUNSYNK-10K-SG01HP3-EU-AM2	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/10		CN233P2U 002	AK 50573872 0001		Yes	
Sunsynk	SUNSYNK-12K-SG01HP3-EU-AM2	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/10		CN233P2U 002	AK 50573872 0001		Yes	
Sunsynk	SUNSYNK-15K-SG01HP3-EU-AM2	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/10		CN233P2U 002	AK 50573872 0001		Yes	
Sunsynk	SUNSYNK-20K-SG01HP3-EU-AM2	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/10		CN233P2U 002	AK 50573872 0001		Yes	
Sunsynk	SUNSYNK-25K-SG01HP3-EU-AM2	Hybrid PV inverter grid-tied	TUV Rheinland	2023/02/10		CN233P2U 002	AK 50573872 0001		Yes	
Sunways	STH-10KTL-HT	Hybrid PV inverter grid-tied	TUV SUD	2021/01/14		704092001222-00	D 104339 0044 Rev. 00		Yes	
Sunways	STH-12KTL-HT	Hybrid PV inverter grid-tied	TUV SUD	2021/01/14		704092001222-00	D 104339 0044 Rev. 00		Yes	
Sunways	STH-3.6KTL-HS	Hybrid PV inverter grid-tied	TUV SUD	2021/12/08		704092101617-00	D 104339 0065 Rev. 00		Yes	
Sunways	STH-3.6KTL-HSS	Hybrid PV inverter grid-tied	TUV SUD	2021/12/08		704092101617-00	D 104339 0065 Rev. 00		Yes	
Sunways	STH-3KTL-HS	Hybrid PV inverter grid-tied	TUV SUD	2021/12/08		704092101617-00	D 104339 0065 Rev. 00		Yes	
Sunways	STH-3KTL-HSS	Hybrid PV inverter grid-tied	TUV SUD	2021/12/08		704092101617-00	D 104339 0065 Rev. 00		Yes	
Sunways	STH-4.2KTL-HS	Hybrid PV inverter grid-tied	TUV SUD	2021/12/08		704092101617-00	D 104339 0065 Rev. 00		Yes	
Sunways	STH-4.6KTL-HS	Hybrid PV inverter grid-tied	TUV SUD	2021/12/08		704092101617-00	D 104339 0065 Rev. 00		Yes	
Sunways	STH-4KTL-HT	Hybrid PV inverter grid-tied	TUV SUD	2021/01/14		704092001222-00	D 104339 0044 Rev. 00		Yes	
Sunways	STH-5KTL-HS	Hybrid PV inverter grid-tied	TUV SUD	2021/12/08		704092101617-00	D 104339 0065 Rev. 00		Yes	
Sunways	STH-5KTL-HT	Hybrid PV inverter grid-tied	TUV SUD	2021/01/14		704092001222-00	D 104339 0044 Rev. 00		Yes	
Sunways	STH-6KTL-HS	Hybrid PV inverter grid-tied	TUV SUD	2021/12/08		704092101617-00	D 104339 0065 Rev. 00		Yes	
Sunways	STH-6KTL-HT	Hybrid PV inverter grid-tied	TUV SUD	2021/01/14		704092001222-00	D 104339 0044 Rev. 00		Yes	
Sunways	STH-7KTL-HS	Hybrid PV inverter grid-tied	TUV SUD	2021/12/08		704092101617-00	D 104339 0065 Rev. 00		Yes	
Sunways	STH-8KTL-HS	Hybrid PV inverter grid-tied	TUV SUD	2021/12/08		704092101617-00	D 104339 0065 Rev. 00		Yes	
Sunways	STH-8KTL-HT	Hybrid PV inverter grid-tied	TUV SUD	2021/01/14		704092001222-00	D 104339 0044 Rev. 00		Yes	
Sunways	STT-10KTL-P	Grid-tied PV inverter	TUV SUD	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	TUV SUD	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	TUV SUD	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	TUV SUD	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	TUV SUD	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	TUV SUD	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-4KTL-P	Grid-tied PV inverter	TUV SUD	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	TUV SUD	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	TUV SUD	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	TUV SUD	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.
Supasol	SE-H-6K 48VDC	Hybrid PV inverter grid-tied	TUV Rheinland	2024/02/28		CN24R8Y3 001	AK 50618317 0001		Yes	
Supasol	SE-H-8K 48VDC	Hybrid PV inverter grid-tied	TUV SUD	2024/02/20		64.290.23.32298.01	D 124515 0001 Rev. 00		Yes	
Supasol	SE-H-10K 48VDC	Hybrid PV inverter grid-tied	TUV SUD	2024/02/20		64.290.23.32298.01	D 124515 0001 Rev. 00		Yes	
Svolt	ME01-PH-SV8KW1	Hybrid PV inverter grid-tied	TUV SUD	2023/08/11		64.290.23.31189.01	D 120520 0002 Rev. 00		Yes	
Svolt	ME01-PH-SV8KW1	Hybrid PV inverter grid-tied	TUV SUD	2023/08/11		64.290.23.31189.01	D 120520 0002 Rev. 00		Yes	
TBB Power	Apollo Matrix 3.0M	Hybrid PV inverter grid-tied	TUV NORD (Hangzhou)	2022/03/03		TRPVP12002/21B/01	COCPPV12002/21B-01		Yes	
TBB Power	Apollo Matrix 3.0S	Hybrid PV inverter grid-tied	TUV NORD (Hangzhou)	2022/03/03		TRPVP12002/21B/01	COCPPV12002/21B-01		Yes	
TBB Power	Apollo Matrix 5.0S	Hybrid PV inverter grid-tied	TUV NORD (Hangzhou)	2022/03/03		TRPVP12002/21B/01	COCPPV12002/21B-01		Yes	
TBB Power	Qoma 33H	Battery based inverter grid-tied	TUV NORD (Hangzhou)	2023/09/18		TRPVP05005/22E/01 R1	COCPPV05005/22E-01 R1		Yes	
TBB Power	Qoma 33H-R	Battery based inverter grid-tied	TUV NORD (Hangzhou)	2023/09/18		TRPVP05005/22E/01 R1	COCPPV05005/22E-01 R1		Yes	
TBB Power	RiO 2KVA-M	Battery based inverter grid-tied	TUV NORD	2024/01/16		TRPVP12006/23E/03	COCPPV12006/23E-02		Yes	
TBB Power	RiO 2KVA-S	Battery based inverter grid-tied	TUV NORD	2024/01/16		TRPVP12006/23E/03	COCPPV12006/23E-02		Yes	
TBB Power	RiO 3KVA-M	Battery based inverter grid-tied	TUV NORD	2024/01/16		TRPVP12006/23E/03	COCPPV12006/23E-02		Yes	
TBB Power	RiO 3KVA-S	Battery based inverter grid-tied	TUV NORD	2024/01/16		TRPVP12006/23E/03	COCPPV12006/23E-02		Yes	
TBB Power	RiO 4KVA-S	Battery based inverter grid-tied	TUV NORD	2024/01/16		TRPVP12006/23E/03	COCPPV12006/23E-02		Yes	
TBB Power	RiO 5KVA-S	Battery based inverter grid-tied	TUV NORD	2024/01/16		TRPVP12006/23E/03	COCPPV12006/23E-02		Yes	
TBB Power	RiO 6KVA-S	Battery based inverter grid-tied	TUV NORD	2024/01/16		TRPVP12006/23E/03	COCPPV12006/23E-02		Yes	
TBB Power	RiO Sun 2KVA-M	Hybrid PV inverter grid-tied	TUV NORD	2024/01/16		TRPVP12006/23E/03	COCPPV12006/23E-02		Yes	
TBB Power	RiO Sun 2KVA-S	Hybrid PV inverter grid-tied	TUV NORD	2024/01/16		TRPVP12006/23E/03	COCPPV12006/23E-02		Yes	
TBB Power	RiO Sun 3KVA-M	Hybrid PV inverter grid-tied	TUV NORD	2024/01/16		TRPVP12006/23E/03	COCPPV12006/23E-02		Yes	
TBB Power	RiO Sun 3KVA-S	Hybrid PV inverter grid-tied	TUV NORD	2024/01/16		TRPVP12006/23E/03	COCPPV12006/23E-02		Yes	
TBB Power	RiO Sun 4KVA-S	Hybrid PV inverter grid-tied	TUV NORD	2024/01/16		TRPVP12006/23E/03	COCPPV12006/23E-02		Yes	
TBB Power	RiO Sun 5KVA-S	Hybrid PV inverter grid-tied	TUV NORD	2024/01/16		TRPVP12006/23E/03	COCPPV12006/23E-02		Yes	
TBB Power	RiO Sun 6KVA-S	Hybrid PV inverter grid-tied	TUV NORD	2024/01/16		TRPVP12006/23E/03	COCPPV12006/23E-02		Yes	
TELE Haase Steuergerate	NA003	Network & system relay	Primara	2018/09/20		14PP035-12	18-315-00		Yes	Network and system gnd 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	
Unipasson	UP-1P10K-HI	Hybrid PV inverter grid-tied	TUV SUD	2023/09/20		64.290.23.31500.01	D 122606 0001 Rev.00		Yes	
Unipasson	UP-1P3K-60	Hybrid PV inverter grid-tied	TUV Rheinland Group	2023/09/15		CN231YHP 001	AK 50602123 0001		Yes	
Unipasson	UP-1P5K-HI	Hybrid PV inverter grid-tied	TUV Rheinland Group	2023/09/15		CN231YHP 001	AK 50602123 0001		Yes	
Unipasson	UP-1P6K-60	Hybrid PV inverter grid-tied	TUV Rheinland Group	2023/09/15		CN231YHP 001	AK 50602123 0001		Yes	
Unipasson	UP-1P6K-HI	Hybrid PV inverter grid-tied	TUV Rheinland Group	2023/09/15		CN231YHP 001	AK 50602123 0001		Yes	
Unipasson	UP-1P9K-HI	Hybrid PV inverter grid-tied	TUV SUD	2023/09/20		64.290.23.31500.01	D 122606 0001 Rev.00		Yes	
Victron	MultiGrid - II 48/3000/35-32	Battery based inverter grid-tied	Primara	2017/11/20		17PP264-07 3	18-320-01		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	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 48/10000/140-100	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	
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	
Voltronic	InfiniSolar 10K	Hybrid PV inverter grid-tied	Bureau Veritas	2020/03/30		PV241609440057 R1	2088AP023M001001		Yes	
Voltronic	MAX DUPL EX S 10K	Hybrid PV inverter grid-tied	Intertek	2023/10/18	2028/10/17	230900168SHA -001	23SHD1064-01		Yes	
Voltronic	MAX DUPL EX S 11K	Hybrid PV inverter grid-tied	Intertek	2023/10/18	2028/10/17	230900168SHA -001	23SHD1064-01		Yes	
Wattsonic	3.6K-30A-1P	Hybrid PV inverter grid-tied	Lyns-TCI Tech	2023/11/13		HC23072004002-EG-ZA-001	HC23072004002-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	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-25A-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	Lyns-TCI Tech	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001		Yes	

Wattsonic	15.0K-40A-3P	Hybrid PV inverter grid-tied	Lyns-TCI Tech	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	
Wattsonic	3.0K-30A-1P	Hybrid PV inverter grid-tied	Lyns-TCI Tech	2023/11/13		HC23072004002-EG-ZA-001	HC23072004002-EG-ZA-V001		Yes	
Wattsonic	4.0K-25A-3P	Hybrid PV inverter grid-tied	Lyns-TCI Tech	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001		Yes	
Wattsonic	4.2K-30A-1P	Hybrid PV inverter grid-tied	Guangdong	2023/11/13		HC23072004002-EG-ZA-001	HC23072004002-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	5.0K-30A-1P	Hybrid PV inverter grid-tied	Guangdong	2023/11/13		HC23072004002-EG-ZA-001	HC23072004002-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	6.0K-30A-1P	Hybrid PV inverter grid-tied	Guangdong	2023/11/13		HC23072004002-EG-ZA-001	HC23072004002-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	8.0K-30A-1P	Hybrid PV inverter grid-tied	Guangdong	2023/11/13		HC23072004002-EG-ZA-001	HC23072004002-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>

2024-05-09