



**ENERGY DIRECTORATE**

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

2024/09/09

Make	Model	Inverter / Equipment type	Test House	Certificate date	Certificate valid until	Report number	Certificate Compliance number	NRS 097-2-1			Comments
								2017 Ed. 2	2017 Ed. 2.1	2024 Ed. 3	
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 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.
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 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.
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 -BATT may be used in combination with this inverter unit.
ABB	REACT2-UNO-5.0-TL	Grid-tied PV inverter	TUV Rheinland	2018/11/07		28111587 003	AK 60134062 0001	Yes			A maximum of three REACT2 -BATT 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-TH	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-19JA1440FCSH	U19-0178	Yes			
Alpha	SMILE-G3-S5	Hybrid PV inverter grid-tied	Dongguan Balun	2022/08/17		BL-DG2260930-B01	BL-DG2260930D01	Yes			
Alpha	SMILE-G3-S8	Hybrid PV inverter grid-tied	Dongguan Balun	2024/01/30		BL-DG23960032-201	COCPVP08098/23E-01	Yes			
Alpha	Storion-SMILE-B3	Battery based inverter grid-tied	Bureau Veritas	2020/08/19		ABYD-ESH-P20071636	U20-0680	Yes			
AlpSolarr	RG2008K1P01	Hybrid PV inverter grid-tied	Intertek	2024/04/09		2309A1361SHA-001	CN-PVES-240125	Yes			
AlpSolarr	RG2010K1P01	Hybrid PV inverter grid-tied	Intertek	2024/04/09		2309A1361SHA-001	CN-PVES-240125	Yes			
AlpSolarr	RG2012K1P01	Hybrid PV inverter grid-tied	Intertek	2024/04/09		2309A1361SHA-001	CN-PVES-240125	Yes			
Aotai	AEP-3KS48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/14		CN23J83J 001	AK 50587657 0001	Yes			
Aotai	AEP-3KS48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/10		CN23J83J 001	AK 50587657 0001	Yes			
Aotai	AEP-4KS48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/15		CN23J83J 001	AK 50587657 0001	Yes			
Aotai	AEP-4KS48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/11		CN23J83J 001	AK 50587657 0001	Yes			
Aotai	AEP-5KS48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/12		CN23J83J 001	AK 50587657 0001	Yes			
Aotai	AEP-6KS48P	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/13		CN23J83J 001	AK 50587657 0001	Yes			
Apex	FG-H2-00 H20P100	Solar water geyser switch	Test Africa	2023/10/11	2026/10/06	WCT 23/0848	NRCS RC2 2310107	N/A	N/A		Solar geyser switch system only
Ario MetaPower	SI-38-118	Grid-tied PV inverter	SGS	2024/03/26	2029/03/26	2221 / 0162-2	2621/0162-2-CER	Yes			
Ario MetaPower	SI-40-125	Grid-tied PV inverter	SGS	2024/03/26	2029/03/26	2221 / 0162-2	2621/0162-2-CER	Yes			
Ario MetaPower	SI-48-150	Grid-tied PV inverter	SGS	2024/03/26	2029/03/26	2221 / 0162-2	2621/0162-2-CER	Yes			
Ario MetaPower	SI-55-171	Grid-tied PV inverter	SGS	2024/03/26	2029/03/26	2221 / 0162-2	2621/0162-2-CER	Yes			
Ario MetaPower	SI-69-215	Grid-tied PV inverter	SGS	2024/03/26	2029/03/26	2221 / 0162-2	2621/0162-2-CER	Yes			









Fronius	Symo GEN24 7.0 Lite hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001	Yes	
Fronius	Symo GEN24 7.0 Plus	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001	Yes	
Fronius	Symo GEN24 7.0 Plus hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001	Yes	
Fronius	Symo GEN24 8.0	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001	Yes	
Fronius	Symo GEN24 8.0 hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001	Yes	
Fronius	Symo GEN24 8.0 Lite	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001	Yes	
Fronius	Symo GEN24 8.0 Lite hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001	Yes	
Fronius	Symo GEN24 8.0 Plus	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001	Yes	
Fronius	Symo GEN24 8.0 Plus hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001	Yes	
Fronius	Symo GEN24 9.0	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001	Yes	
Fronius	Symo GEN24 9.0 hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001	Yes	
Fronius	Symo GEN24 9.0 Lite	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001	Yes	
Fronius	Symo GEN24 9.0 Lite hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001	Yes	
Fronius	Symo GEN24 9.0 Plus	Grid-tied PV inverter	TUV Rheinland	2021/05/19		IT2157N9 001	AK 60156753 0001	Yes	
Fronius	Symo GEN24 9.0 Plus hybrid	Hybrid PV inverter grid-tied	TUV Rheinland	2022/07/29		IT2157N9 001	AK 60165075 0001	Yes	
Fronius	TAURO 50-3-D	Grid-tied PV inverter	TUV Rheinland	2022/01/27		IT221Y51 001	AK 60161577 0001	Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MVA/V AC transformer.
Fronius	TAURO 50-3-P	Grid-tied PV inverter	TUV Rheinland	2022/01/27		IT221Y51 001	AK 60161577 0001	Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MVA/V AC transformer.
Fronius	TAURO ECO 100-3-D	Grid-tied PV inverter	TUV Rheinland	2022/01/25		IT2227D0 001	AK 60161549 0001	Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MVA/V AC transformer.
Fronius	TAURO ECO 100-3-P	Grid-tied PV inverter	TUV Rheinland	2022/01/25		IT2227D0 001	AK 60161549 0001	Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MVA/V AC transformer.
Fronius	TAURO ECO 50-3-D	Grid-tied PV inverter	TUV Rheinland	2022/01/25		IT2227D0 001	AK 60161549 0001	Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MVA/V AC transformer.
Fronius	TAURO ECO 50-3-P	Grid-tied PV inverter	TUV Rheinland	2022/01/25		IT2227D0 001	AK 60161549 0001	Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MVA/V AC transformer.
Fronius	TAURO ECO 99-3-D	Grid-tied PV inverter	TUV Rheinland	2022/01/25		IT2227D0 001	AK 60161549 0001	Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MVA/V AC transformer.
Fronius	TAURO ECO 99-3-P	Grid-tied PV inverter	TUV Rheinland	2022/01/25		IT2227D0 001	AK 60161549 0001	Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MVA/V AC transformer.
GivEnergy	GIV-HY-3-6-G3-Plus	Hybrid PV inverter grid-tied	Intertek	2023/11/09		230707124GZU-001	CN-PV-230610	Yes	
GivEnergy	GIV-HY-4-6-G3-Plus	Hybrid PV inverter grid-tied	Intertek	2023/11/09		230707124GZU-001	CN-PV-230610	Yes	
GivEnergy	GIV-HY-5-6-G3-Plus	Hybrid PV inverter grid-tied	Intertek	2023/11/09		230707124GZU-001	CN-PV-230610	Yes	
GivEnergy	GIV-HY-6-6-G3-Plus	Hybrid PV inverter grid-tied	Intertek	2023/11/09		230707124GZU-001	CN-PV-230610	Yes	
Goodwe	GW 100K-HT	Grid-tied PV inverter	TUV Rheinland	2020/12/24		CN20W6U3 001	AK 50490607 0001	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW 110K-HT	Grid-tied PV inverter	TUV Rheinland	2020/12/24		CN20W6U3 001	AK 50490607 0001	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW 120K-HT	Grid-tied PV inverter	TUV Rheinland	2020/12/24		CN20W6U3 001	AK 50490607 0001	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW 12KN-DT	Grid-tied PV inverter	Bureau Veritas	2020/04/17		ASBJ-190C2322FTSHS	U20-O270	Yes	
Goodwe	GW 136K-HTH	Grid-tied PV inverter	TUV Rheinland	2020/12/24		CN20W6U3 001	AK 50490607 0001	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW 15KN-DT	Grid-tied PV inverter	Bureau Veritas	2020/04/17		ASBJ-190C2322FTSHS	U20-O270	Yes	Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MVA/V AC transformer.
Goodwe	GW 17KN-DT	Grid-tied PV inverter	Bureau Veritas	2020/04/17		ASBJ-190C2322FTSHS	U20-O270	Yes	
Goodwe	GW 17KT-DT	Grid-tied PV inverter	TUV Rheinland	2022/04/15		60395681 002	AK 50540008 0001	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW 20KN-DT	Grid-tied PV inverter	Bureau Veritas	2020/04/17		ASBJ-190C2322FTSHS	U20-O270	Yes	
Goodwe	GW 20KT-DT	Grid-tied PV inverter	TUV Rheinland	2022/04/15		60395681 002	AK 50540008 0001	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW 25KT-DT	Grid-tied PV inverter	TUV Rheinland	2022/04/15		60395681 002	AK 50540008 0001	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW 3000D-NS	Grid-tied PV inverter	Bureau Veritas	2020/01/19		PVZA190627N029	1988AP0627N029001	Yes	
Goodwe	GW 3600D-NS	Grid-tied PV inverter	Bureau Veritas	2020/01/19		PVZA190627N029	1988AP0627N029001	Yes	
Goodwe	GW 4200D-NS	Grid-tied PV inverter	Bureau Veritas	2020/01/19		PVZA190627N029	1988AP0627N029001	Yes	
Goodwe	GW 5000D-NS	Grid-tied PV inverter	Bureau Veritas	2020/01/19		PVZA190627N029	1988AP0627N029001	Yes	
Goodwe	GW 6000D-NS	Grid-tied PV inverter	Bureau Veritas	2020/01/19		PVZA190627N029	1988AP0627N029001	Yes	
Goodwe	GW 10K-ET	Hybrid PV inverter grid-tied	Bureau Veritas	2019/05/23		PVZA190507N014	1988AP0507N014001	Yes	
Goodwe	GW 10KT-DT	Grid-tied PV inverter	Bureau Veritas	2019/11/20		ZEM-190C0893FTSHP	U19-0609	Yes	
Goodwe	GW 12KT-DT	Grid-tied PV inverter	Bureau Veritas	2019/11/20		ZEM-190C0893FTSHP	U19-0609	Yes	
Goodwe	GW 15K-ET	Grid-tied PV inverter	TUV Rheinland	2023/05/06		CN23Y4NN 001	AK 50583164 0001	Yes	
Goodwe	GW 15KT-DT	Grid-tied PV inverter	Bureau Veritas	2019/11/20		ZEM-190C0893FTSHP	U19-0609	Yes	
Goodwe	GW 20K-ET	Grid-tied PV inverter	TUV Rheinland	2023/05/06		CN23Y4NN 001	AK 50583164 0001	Yes	
Goodwe	GW 25K-ET	Grid-tied PV inverter	TUV Rheinland	2023/05/06		CN23Y4NN 001	AK 50583164 0001	Yes	
Goodwe	GW 25K-MT	Grid-tied PV inverter	Bureau Veritas	2020/03/05		PVZA181008N021-R1	1888AP1008N021015	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW 29 9K-ET	Grid-tied PV inverter	TUV Rheinland	2023/05/06		CN23Y4NN 001	AK 50583164 0001	Yes	
Goodwe	GW3000-ES-20	Grid-tied PV inverter	TUV Rheinland	2022/07/06		CN22SCQU 001	AK 50550767 0001	Yes	
Goodwe	GW3048-EM	Hybrid PV inverter grid-tied	TUV Rheinland	2017/07/14		50085060 001	AK 50383738 0001	Yes	
Goodwe	GW30K-ET	Grid-tied PV inverter	TUV Rheinland	2023/05/06		CN23Y4NN 001	AK 50583164 0001	Yes	
Goodwe	GW30K-MT	Grid-tied PV inverter	Bureau Veritas	2020/03/05		PVZA181008N021-R1	1888AP1008N021015	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW3600-ES-20	Grid-tied PV inverter	TUV Rheinland	2022/07/06		CN22SCQU 001	AK 50550767 0001	Yes	
Goodwe	GW3600M-ES-20	Grid-tied PV inverter	TUV Rheinland	2022/07/06		CN22SCQU 001	AK 50550767 0001	Yes	
Goodwe	GW3600S-BP	Battery based inverter grid-tied	TUV Rheinland	2018/11/12		50180648 001	AK 50419930 0001	Yes	
Goodwe	GW3600-SBP-20	Grid-tied PV inverter	TUV Rheinland	2022/07/06		CN22SCQU 001	AK 50550767 0001	Yes	
Goodwe	GW3648D-ES	Hybrid PV inverter grid-tied	TUV SUD	2018/11/12		704091815302-00	D 083373 0039 Rev.00	Yes	
Goodwe	GW3648-EM	Hybrid PV inverter grid-tied	TUV Rheinland	2017/07/14		50085060 001	AK 50383738 0001	Yes	
Goodwe	GW36K-MT	Grid-tied PV inverter	Bureau Veritas	2020/03/05		PVZA181008N021-R1	1888AP1008N021015	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW40K-ET-10	Hybrid PV inverter grid-tied	TUV Rheinland	2024/04/17		CN23ZJBD 001	AK 50626466 0001	Yes	
Goodwe	GW40K-DT	Grid-tied PV inverter	Bureau Veritas	2019/11/20		ZEM-190C0893FTSHP	U19-0609	Yes	
Goodwe	GW5000-ES-20	Grid-tied PV inverter	TUV Rheinland	2022/07/06		CN22SCQU 001	AK 50550767 0001	Yes	
Goodwe	GW5000M-ES-20	Grid-tied PV inverter	TUV Rheinland	2022/07/06		CN22SCQU 001	AK 50550767 0001	Yes	
Goodwe	GW5000S-BP	Battery based inverter grid-tied	TUV Rheinland	2018/11/12		50180648 001	AK 50419930 0001	Yes	
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 50383738 0001	Yes	
Goodwe	GW50K-ET-10	Hybrid PV inverter grid-tied	TUV Rheinland	2024/04/17		CN23ZJBD 001	AK 50626466 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 & Donquang Balun	2022/06/07		TRPVP11058/21E-04	COCPVP11058/21E-04	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Goodwe	GW50K-DT	Grid-tied PV inverter	Bureau Veritas	2019/11/20		ZEM-190C0893FTSHP	U19-0609	Yes	
Goodwe	GW50K-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	GW6000M-ES-20	Grid-tied PV inverter	TUV Rheinland	2022/07/06		CN22SCQU 001	AK 50550767 0001	Yes	
Goodwe	GW6000S-BP-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	



Growcol	GX50KTL-S	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX50KT-S	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX60KT	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX60KTL	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX60KTL-S	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX60KT-S	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX66KT	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX66KT-S	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX70KT	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Growcol	GX70KT-S	Grid-tied PV inverter	Intertek	2022/06/27		220120057GZU-001, Rev 1	CN-PV-220039R1	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
HanchuESS	CESS-HY-25K	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/07/05		HC24041501001-EG-ZA-001	HC24041501001-EG-ZA-V001	Yes	
HanchuESS	CESS-HY-30K	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/07/05		HC24041501001-EG-ZA-001	HC24041501001-EG-ZA-V001	Yes	
HanchuESS	CESS-HY-36K	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/07/05		HC24041501001-EG-ZA-001	HC24041501001-EG-ZA-V001	Yes	
HanchuESS	CESS-HY-40K	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/07/05		HC24041501001-EG-ZA-001	HC24041501001-EG-ZA-V001	Yes	
HanchuESS	CESS-HY-40K-P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/07/05		HC24041501001-EG-ZA-001	HC24041501001-EG-ZA-V001	Yes	
HanchuESS	CESS-HY-50K	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/07/05		HC24041501001-EG-ZA-001	HC24041501001-EG-ZA-V001	Yes	
HanchuESS	CESS-HY-50K-P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/07/05		HC24041501001-EG-ZA-001	HC24041501001-EG-ZA-V001	Yes	
Hiconics	HEC-S 3K	Hybrid PV inverter grid-tied	TUV SÜD	2024/04/03		64.290.24.30073.01	D 109906 0057 Rev. 00	Yes	
Hiconics	HEC-S 5K	Hybrid PV inverter grid-tied	TUV SÜD	2024/04/03		64.290.24.30073.01	D 109906 0057 Rev. 00	Yes	
Hinen	H1000H-EU	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/08/07		HC23122501001-EG-ZA-001	HC23122501001-EG-ZA-C001	Yes	
Hinen	H1200H-EU	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/08/07		HC23122501001-EG-ZA-001	HC23122501001-EG-ZA-C001	Yes	
Hinen	H3000-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2024/01/16		BL-DG2380221-201 & 401	BL-DG2380221D02	Yes	
Hinen	H3600-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2024/01/16		BL-DG2380221-201 & 401	BL-DG2380221D02	Yes	
Hinen	H4000-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2024/01/16		BL-DG2380221-201 & 401	BL-DG2380221D02	Yes	
Hinen	H4600-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2024/01/16		BL-DG2380221-201 & 401	BL-DG2380221D02	Yes	
Hinen	H5000-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2024/01/16		BL-DG2380221-201 & 401	BL-DG2380221D02	Yes	
Hinen	H6000-EU	Hybrid PV inverter grid-tied	Dongguan Balun	2024/01/16		BL-DG2380221-201 & 401	BL-DG2380221D02	Yes	
Hinen	H8000H-EU	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/08/07		HC23122501001-EG-ZA-001	HC23122501001-EG-ZA-C001	Yes	
Hoymiles	HAS-3.0LV-EUG1	Battery based inverter grid-tied	TUV NORD	2023/10/23		TRPVP05120/23E/01	COCPPV05120/23E-01	Yes	
Hoymiles	HAS-3.6LV-EUG1	Battery based inverter grid-tied	TUV NORD	2023/10/23		TRPVP05120/23E/01	COCPPV05120/23E-01	Yes	
Hoymiles	HAS-4.6LV-EUG1	Battery based inverter grid-tied	TUV NORD	2023/10/23		TRPVP05120/23E/01	COCPPV05120/23E-01	Yes	
Hoymiles	HAS-5.0LV-EUG1	Battery based inverter grid-tied	TUV NORD	2023/10/23		TRPVP05120/23E/01	COCPPV05120/23E-01	Yes	
Hoymiles	HAT-10.0HV-EUG1	Battery based inverter grid-tied	Dongguan Balun	2023/10/23		TRPVP05120/23E/02	COCPPV05120/23E-02	Yes	
Hoymiles	HAT-12.0HV-EUG1	Battery based inverter grid-tied	Dongguan Balun	2023/10/23		TRPVP05120/23E/02	COCPPV05120/23E-02	Yes	
Hoymiles	HAT-5.0HV-EUG1	Battery based inverter grid-tied	Dongguan Balun	2023/10/23		TRPVP05120/23E/02	COCPPV05120/23E-02	Yes	
Hoymiles	HAT-6.0HV-EUG1	Battery based inverter grid-tied	Dongguan Balun	2023/10/23		TRPVP05120/23E/02	COCPPV05120/23E-02	Yes	
Hoymiles	HAT-8.0HV-EUG1	Battery based inverter grid-tied	Dongguan Balun	2023/10/23		TRPVP05120/23E/02	COCPPV05120/23E-02	Yes	
Hoymiles	HM-1000	Grid-tied PV inverter	TUV NORD & Dongguan Balun	2023/12/20		TRPVP03078/21B/01	COCPPV03078/21B-01	Yes	
Hoymiles	HM-1000T	Grid-tied PV inverter	TUV NORD & Dongguan Balun	2023/12/20		TRPVP03078/21B/01	COCPPV03078/21B-01	Yes	
Hoymiles	HM-1200	Grid-tied PV inverter	TUV NORD & Dongguan Balun	2023/12/20		TRPVP03078/21B/01	COCPPV03078/21B-01	Yes	
Hoymiles	HM-1200T	Grid-tied PV inverter	TUV NORD & Dongguan Balun	2023/12/20		TRPVP03078/21B/01	COCPPV03078/21B-01	Yes	
Hoymiles	HM-1500	Grid-tied PV inverter	TUV NORD & Dongguan Balun	2023/12/20		TRPVP03078/21B/01	COCPPV03078/21B-01	Yes	
Hoymiles	HM-1500T	Grid-tied PV inverter	TUV NORD & Dongguan Balun	2023/12/20		TRPVP03078/21B/01	COCPPV03078/21B-01	Yes	
Hoymiles	HM-500	Grid-tied PV inverter	TUV NORD & Dongguan Balun	2021/11/19		TRPVP03078/21B/02	COCPPV03078/21B-02	Yes	
Hoymiles	HM-500T	Grid-tied PV inverter	TUV NORD & Dongguan Balun	2021/11/19		TRPVP03078/21B/02	COCPPV03078/21B-02	Yes	
Hoymiles	HM-600	Grid-tied PV inverter	TUV NORD & Dongguan Balun	2021/11/19		TRPVP03078/21B/02	COCPPV03078/21B-02	Yes	
Hoymiles	HM-600T	Grid-tied PV inverter	TUV NORD & Dongguan Balun	2021/11/19		TRPVP03078/21B/02	COCPPV03078/21B-02	Yes	
Hoymiles	HM-700	Grid-tied PV inverter	TUV NORD & Dongguan Balun	2021/11/19		TRPVP03078/21B/02	COCPPV03078/21B-02	Yes	
Hoymiles	HM-700T	Grid-tied PV inverter	TUV NORD & Dongguan Balun	2021/11/19		TRPVP03078/21B/02	COCPPV03078/21B-02	Yes	
Hoymiles	HM-800	Grid-tied PV inverter	TUV NORD & Dongguan Balun	2021/11/19		TRPVP03078/21B/02	COCPPV03078/21B-02	Yes	
Hoymiles	HM-800T	Grid-tied PV inverter	TUV NORD & Dongguan Balun	2021/11/19		TRPVP03078/21B/02	COCPPV03078/21B-02	Yes	
Hoymiles	HYS-10.0LV-EUG2	Hybrid PV inverter grid-tied	TUV NORD	2023/12/20		TRPVP08096/23E/01	COCPPV08096/23E-01	Yes	
Hoymiles	HYS-12.0LV-EUG2	Hybrid PV inverter grid-tied	TUV NORD	2023/12/20		TRPVP08096/23E/01	COCPPV08096/23E-01	Yes	
Hoymiles	HYS-3.0LV-EUG1	Hybrid PV inverter grid-tied	TUV NORD	2023/10/23		TRPVP05120/23E/01	COCPPV05120/23E-01	Yes	
Hoymiles	HYS-3.6LV-EUG1	Hybrid PV inverter grid-tied	TUV NORD	2023/10/23		TRPVP05120/23E/01	COCPPV05120/23E-01	Yes	
Hoymiles	HYS-4.6LV-EUG1	Hybrid PV inverter grid-tied	TUV NORD	2023/10/23		TRPVP05120/23E/01	COCPPV05120/23E-01	Yes	
Hoymiles	HYS-5.0LV-EUG1	Hybrid PV inverter grid-tied	TUV NORD	2023/10/23		TRPVP05120/23E/01	COCPPV05120/23E-01	Yes	
Hoymiles	HYS-6.0LV-EUG1	Hybrid PV inverter grid-tied	TUV NORD	2023/10/23		TRPVP05120/23E/01	COCPPV05120/23E-01	Yes	
Hoymiles	HYS-8.0LV-EUG2	Hybrid PV inverter grid-tied	TUV NORD	2023/12/20		TRPVP08096/23E/01	COCPPV08096/23E-01	Yes	
Hoymiles	HYS-10.0LV-EUG1	Hybrid PV inverter grid-tied	TUV NORD	2023/10/23		TRPVP05120/23E/02	COCPPV05120/23E-02	Yes	
Hoymiles	HYT-12.0HV-EUG1	Hybrid PV inverter grid-tied	TUV NORD	2023/10/23		TRPVP05120/23E/02	COCPPV05120/23E-02	Yes	
Hoymiles	HYT-5.0HV-EUG1	Hybrid PV inverter grid-tied	TUV NORD	2023/10/23		TRPVP05120/23E/02	COCPPV05120/23E-02	Yes	
Hoymiles	HYT-6.0HV-EUG1	Hybrid PV inverter grid-tied	TUV NORD	2023/10/23		TRPVP05120/23E/02	COCPPV05120/23E-02	Yes	
Hoymiles	HYT-8.0HV-EUG1	Hybrid PV inverter grid-tied	TUV NORD	2023/10/23		TRPVP05120/23E/02	COCPPV05120/23E-02	Yes	
Hoymiles	MI-1000	Grid-tied PV inverter	Bureau Veritas	2018/07/27		ZEM-18AP0889FCSPH	U18-0435	Yes	
Hoymiles	MI-1000T	Grid-tied PV inverter	Bureau Veritas	2018/07/27		ZEM-18AP0889FCSPH	U18-0435	Yes	
Hoymiles	MI-1200	Grid-tied PV inverter	Bureau Veritas	2018/07/27		ZEM-18AP0889FCSPH	U18-0435	Yes	
Hoymiles	MI-1200T	Grid-tied PV inverter	Bureau Veritas	2018/07/27		ZEM-18AP0889FCSPH	U18-0435	Yes	
Hoymiles	MI-500	Grid-tied PV inverter	Bureau Veritas	2018/07/10		BMH-18JA0680FCSP-R1	U18-0374	Yes	Hoymiles MI micro inverters are not equipped with an internal disconnection device and an external City listed network and system grid protection voltage and frequency relay must be provided in the photovoltaic system with appropriately sized two in series contactors according to NRS 097-2-1 requirements and default settings.
Hoymiles	MI-600	Grid-tied PV inverter	Bureau Veritas	2018/07/10		BMH-18JA0680FCSP-R1	U18-0374	Yes	Hoymiles MI micro inverters are not equipped with an internal disconnection device and an external City listed network and system grid protection voltage and frequency relay must be provided in the photovoltaic system with appropriately sized two in series contactors according to NRS 097-2-1 requirements and default settings.
Hoymiles	MI-700	Grid-tied PV inverter	Bureau Veritas	2018/07/10		BMH-18JA0680FCSP-R1	U18-0374	Yes	Hoymiles MI micro inverters are not equipped with an internal disconnection device and an external City listed network and system grid protection voltage and frequency relay must be provided in the photovoltaic system with appropriately sized two in series contactors according to NRS 097-2-1 requirements and default settings.
Huawei	LUNA2000-100KTL-M1	Grid-tied PV inverter	Intertek	2023/04/04		230103213GZU-001	CN-PV-230156	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-100KTL-M1	Grid-tied PV inverter	Bureau Veritas	2020/05/29		PVZA200521N034	2088AP0521N034001	Yes	
Huawei	SUN 2000-10K-LC0	Hybrid PV inverter grid-tied	Intertek	2023/08/23		230209049GZU-001	CN-PV-230487	Yes	
Huawei	SUN 2000-10KTL-M0	Hybrid PV inverter grid-tied	TUV SÜD	2021/08/13		704092106508-00	D 041829 4613 Rev 00	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Huawei	SUN 2000-10KTL-M0	Grid-tied PV inverter	Bureau Veritas	2021/09/07		PVZA190424N048-R1	1988AP0424048002	Yes	The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.





INVT	iMARS XD4KTL	Hybrid PV inverter grid-tied	Intertek	2023/09/12		230209064GZU-001	CN-PV-230531		Yes	
INVT	iMARS XD5KTL	Hybrid PV inverter grid-tied	Intertek	2023/09/12		230209064GZU-001	CN-PV-230531		Yes	
INVT	iMARS XD6KTL	Hybrid PV inverter grid-tied	Intertek	2023/09/12		230209064GZU-001	CN-PV-230531		Yes	
iPotisEdge	IPS-3.6K-L60-S	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/07		CN23R9MK 001	AK 50592898 0001		Yes	
iPotisEdge	IPS-3.6K-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-L120-S	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/07		CN23R9MK 001	AK 50592898 0001		Yes	
iPotisEdge	IPS-5K-L120-S	Hybrid PV inverter grid-tied	TUV Rheinland	2023/07/07		CN23R9MK 001	AK 50592898 0001		Yes	
iPotisEdge	IPS-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		TRPV01087/23E/01	COCV01087/23E-01		Yes	
Jinko	JKH150LTA	Hybrid PV inverter grid-tied	TUV NORD (Hangzhou)	2023/03/08		TRPV01087/23E/01	COCV01087/23E-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		TRPV01087/23E/01	COCV01087/23E-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		TRPV01087/23E/01	COCV01087/23E-01		Yes	
Jinko	JKS-3.6HLVS-HI	Hybrid PV inverter grid-tied	TUV SÜD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Jinko	JKS-3HLVS-HI	Hybrid PV inverter grid-tied	TUV SÜD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Jinko	JKS-4.6HLVS-HI	Hybrid PV inverter grid-tied	TUV SÜD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Jinko	JKS-4HLVS-HI	Hybrid PV inverter grid-tied	TUV SÜD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Jinko	JKS-5HLVS-HI	Hybrid PV inverter grid-tied	TUV SÜD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Jinko	JKS-6HLVS-HI	Hybrid PV inverter grid-tied	TUV SÜD	2023/04/14		64.290.23.30521.01	D 118443 0019 Rev.00		Yes	
Kehua	BCS100K-A	Battery based inverter grid-tied	TÜV SÜD	2022/09/22		64.290.22.30151.01	D 115067 0036 Rev.00		Yes	The energy storage inverter is not equipped with integrated network and system (NS) protection. External to the converter NS protection required with a City listed NS grid protection voltage and frequency relay and appropriately sized two in series contactors according to NRS 097-2-1 requirements and default settings.
Kehua	BCS250K-A	Battery based inverter grid-tied	TÜV SÜD	2022/09/22		64.290.22.30151.01	D 115067 0036 Rev.00		Yes	The energy storage inverter is not equipped with integrated network and system (NS) protection. External to the converter NS protection required with a City listed NS grid protection voltage and frequency relay and appropriately sized two in series contactors according to NRS 097-2-1 requirements and default settings.
Kehua	BCS500K-A	Battery based inverter grid-tied	TÜV SÜD	2022/09/22		64.290.22.30151.01	D 115067 0036 Rev.00		Yes	The energy storage inverter is not equipped with integrated network and system (NS) protection. External to the converter NS protection required with a City listed NS grid protection voltage and frequency relay and appropriately sized two in series contactors according to NRS 097-2-1 requirements and default settings.
Kehua	BCS50K-A	Battery based inverter grid-tied	TÜV SÜD	2022/09/22		64.290.22.30151.01	D 115067 0036 Rev.00		Yes	The energy storage inverter is not equipped with integrated network and system (NS) protection. External to the converter NS protection required with a City listed NS grid protection voltage and frequency relay and appropriately sized two in series contactors according to NRS 097-2-1 requirements and default settings.
KNYEE	LHGK-SL	Hybrid PV inverter grid-tied	Intertek	2023/09/14		2308A0281SHA-001	CN-PV-230529		Yes	Applicant requirements: List only this model.
KNYEE	LHGK-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	Dekra	2019/12/10		6065813.50	6065813.01AOC		Yes	
Kodak	Kodak I3.6	Grid-tied PV inverter	Dekra	2019/12/10		6065813.50	6065813.01AOC		Yes	
Kodak	Kodak I4.6	Grid-tied PV inverter	Dekra	2019/12/10		6065813.50	6065813.01AOC		Yes	
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-ESS30KH	Hybrid PV inverter grid-tied	TUV NORD	2023/07/03		TRPV03166/23E/01	COCV03166/23E-02		Yes	
Koyoe	KY-ESS42KH	Hybrid PV inverter grid-tied	TUV NORD	2023/07/03		TRPV03166/23E/01	COCV03166/23E-02		Yes	
Koyoe	KY-ESS50KH	Hybrid PV inverter grid-tied	TUV NORD	2023/07/03		TRPV03166/23E/01	COCV03166/23E-02		Yes	
Koyoe	KY-ESS60KH	Hybrid PV inverter grid-tied	TUV NORD	2023/07/03		TRPV03166/23E/01	COCV03166/23E-02		Yes	
Koyoe	KY-ESS70KH	Hybrid PV inverter grid-tied	TUV NORD	2023/07/03		TRPV03166/23E/01	COCV03166/23E-02		Yes	
Koyoe	KY-ESS80KH	Hybrid PV inverter grid-tied	TUV NORD	2023/07/03		TRPV03166/23E/01	COCV03166/23E-02		Yes	
Koyoe	KY-EST06KH	Hybrid PV inverter grid-tied	TUV NORD	2021/10/15		TRPV04039/21E/04	COCV04039/21E-01		Yes	
Koyoe	KY-EST06KH-A	Hybrid PV inverter grid-tied	TUV NORD	2021/12/30		TRPV04039/21E/09	COCV04039/21E-02		Yes	
Koyoe	KY-EST08KH	Hybrid PV inverter grid-tied	TUV NORD	2021/10/15		TRPV04039/21E/04	COCV04039/21E-01		Yes	
Koyoe	KY-EST08KH-A	Hybrid PV inverter grid-tied	TUV NORD	2021/12/30		TRPV04039/21E/09	COCV04039/21E-02		Yes	
Koyoe	KY-EST10KH	Hybrid PV inverter grid-tied	TUV NORD	2021/10/15		TRPV04039/21E/04	COCV04039/21E-01		Yes	
Koyoe	KY-EST10KH-A	Hybrid PV inverter grid-tied	TUV NORD	2021/12/30		TRPV04039/21E/09	COCV04039/21E-02		Yes	
Koyoe	KY-EST12KH	Hybrid PV inverter grid-tied	TUV NORD	2021/10/15		TRPV04039/21E/04	COCV04039/21E-01		Yes	
Koyoe	KY-EST12KH-A	Hybrid PV inverter grid-tied	TUV NORD	2021/12/30		TRPV04039/21E/09	COCV04039/21E-02		Yes	
Koyoe	KY-EST15KH	Hybrid PV inverter grid-tied	TUV NORD	2021/10/15		TRPV04039/21E/04	COCV04039/21E-01		Yes	
Koyoe	KY-EST15KH-A	Hybrid PV inverter grid-tied	TUV NORD	2021/12/30		TRPV04039/21E/09	COCV04039/21E-02		Yes	
Koyoe	KY-EST17KH	Hybrid PV inverter grid-tied	TUV NORD	2021/10/15		TRPV04039/21E/04	COCV04039/21E-01		Yes	
Koyoe	KY-EST17KH-A	Hybrid PV inverter grid-tied	TUV NORD	2021/12/30		TRPV04039/21E/09	COCV04039/21E-02		Yes	
Koyoe	KY-EST20KH	Hybrid PV inverter grid-tied	TUV NORD	2021/10/15		TRPV04039/21E/04	COCV04039/21E-01		Yes	
Koyoe	KY-EST20KH-A	Hybrid PV inverter grid-tied	TUV NORD	2021/12/30		TRPV04039/21E/09	COCV04039/21E-02		Yes	
Koyoe	KY-EST30KH	Hybrid PV inverter grid-tied	TUV NORD	2023/05/31		TRPV03166/23E/02	COCV03166/23E-01		Yes	
Koyoe	KY-EST35KH	Hybrid PV inverter grid-tied	TUV NORD	2023/05/31		TRPV03166/23E/02	COCV03166/23E-01		Yes	
Koyoe	KY-EST40KH	Hybrid PV inverter grid-tied	TUV NORD	2023/05/31		TRPV03166/23E/02	COCV03166/23E-01		Yes	
Koyoe	KY-EST45KH	Hybrid PV inverter grid-tied	TUV NORD	2023/05/31		TRPV03166/23E/02	COCV03166/23E-01		Yes	
Koyoe	KY-EST50KH	Hybrid PV inverter grid-tied	TUV NORD	2023/05/31		TRPV03166/23E/02	COCV03166/23E-01		Yes	
Koyoe	KY-EST55KH	Hybrid PV inverter grid-tied	TUV NORD	2023/05/31		TRPV03166/23E/02	COCV03166/23E-01		Yes	
Koyoe	KY-EST60KH	Hybrid PV inverter grid-tied	TUV NORD	2023/05/31		TRPV03166/23E/02	COCV03166/23E-01		Yes	
KSTAR	Blue-G 3000D	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-G 3000D-M0	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-G 3000D-M1	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-G 3000S	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-G 3000S-M1	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-G 3600D	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-G 3600D-M0	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-G 3600D-M1	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-G 4000D	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-G 4000D-M0	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-G 4000D-M1	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-G 4200D	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-G 4200D-M0	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-G 4200D-M1	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-G 4600D	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-G 4600D-M1	Grid-tied PV inverter	TUV SÜD	2021/09/23		64.290.21.30004.03	D 075386 0137 Rev.02		Yes	
KSTAR	Blue-S 3680D	Hybrid PV inverter grid-tied	TUV SÜD	2021/09/23		64.290.20.30989.03	D 075386 0136 Rev.02		Yes	

KSTAR	Blue-S 3680D-M1	Hybrid PV inverter grid-tied	TUV SUD	2021/09/23		64.290.20.30989.03	D 075386 0136 Rev. 02		Yes	
KSTAR	Blue-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-S 5000D-M1	Hybrid PV inverter grid-tied	TUV SUD	2021/09/23		64.290.20.30989.03	D 075386 0136 Rev. 02		Yes	
Lifelynk	Lif3 3Hb02	Hybrid PV inverter grid-tied	Dongguan Balun	2022/05/19		BL-DG2240044-B01	BL-DG2240044-D01		Yes	
Lifelynk	Lif3 5Hb02	Hybrid PV inverter grid-tied	Dongguan Balun	2022/05/19		BL-DG2240044-B01	BL-DG2240044-D01		Yes	
Livolttek	Retro-2000	Battery based inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes		
Livolttek	Retro-3000	Battery based inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes		
Livolttek	Retro-3680	Battery based inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes		
Livolttek	Retro-4600	Battery based inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes		
Livolttek	Retro-5000	Battery based inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes		
Livolttek	HP3-10KDP1	Grid-tied PV inverter	Intertek	2023/10/26		230900652SHA-001	CN-PV-230589		Yes	
Livolttek	HP3-12KDP1	Grid-tied PV inverter	Intertek	2023/10/26		230900652SHA-001	CN-PV-230589		Yes	
Livolttek	HP3-17KDP1	Grid-tied PV inverter	Intertek	2023/10/26		230900652SHA-001	CN-PV-230589		Yes	
Livolttek	HP3-20KDP1	Grid-tied PV inverter	Intertek	2023/10/26		230900652SHA-001	CN-PV-230589		Yes	
Livolttek	HP3-25KDP1	Grid-tied PV inverter	Intertek	2023/10/26		230900652SHA-001	CN-PV-230589		Yes	
Livolttek	HP3-30KDP1	Grid-tied PV inverter	Intertek	2023/10/26		230900652SHA-001	CN-PV-230589		Yes	
Livolttek	HP3-30KDP1	Grid-tied PV inverter	Intertek	2023/10/26		230900652SHA-001	CN-PV-230589		Yes	
Livolttek	Hyper-2000	Hybrid PV inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes		
Livolttek	Hyper-3000	Hybrid PV inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes		
Livolttek	Hyper-3680	Hybrid PV inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes		
Livolttek	Hyper-4600	Hybrid PV inverter grid-tied	Dekra	2019/07/05		6055811_50	6055811.01AOC	Yes		
Livolttek	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.										
Lovato	PMVF 80	Network & system relay	Dekra	2020/10/28		TR-486879-82695-04 (Ed 01)	D 084111 Rev. 00	No	No	
Lux Power	LXP 3K Hybrid	Hybrid PV inverter grid-tied	Intertek	2019/08/29		190624070ZU-001	CN-PV-190006	Yes		
Lux Power	LXP 4K Hybrid	Hybrid PV inverter grid-tied	Intertek	2019/08/29		190624070ZU-001	CN-PV-190006	Yes		
Lux Power	LXP 5K Hybrid	Hybrid PV inverter grid-tied	Intertek	2019/08/28		190624070ZU-001	CN-PV-190006	Yes		
Lux Power	LXP-LB-EU 10K	Hybrid PV inverter grid-tied	Intertek	2022/08/16		21111140ZU-001	CN-PV-220166		Yes	
Lux Power	LXP-LB-EU 12K	Hybrid PV inverter grid-tied	Intertek	2022/08/22		220630104ZU-001	CN-PV-220171		Yes	
Lux Power	LXP-LB-EU 8K	Hybrid PV inverter grid-tied	Intertek	2022/08/16		21111140ZU-001	CN-PV-220166		Yes	
Lux Power	SNA3000 WVP	Hybrid PV inverter grid-tied	Intertek	2023/05/31		230315003ZU-001	CN-PV-230280		Yes	
Lux Power	SNA4000 WVP	Hybrid PV inverter grid-tied	Intertek	2023/05/31		230315003ZU-001	CN-PV-230280		Yes	
Lux Power	SNA5000 WVP	Hybrid PV inverter grid-tied	Intertek	2023/05/31		230315003ZU-001	CN-PV-230280		Yes	
Lux Power	SNA6000 WVP	Hybrid PV inverter grid-tied	Intertek	2023/05/31		230315003ZU-001	CN-PV-230280		Yes	
Luxpower	Trip-HB-EU 10K	Hybrid PV inverter grid-tied	Intertek	2024/06/12		240408177ZU-001	CN-PVES-240257		Yes	
Luxpower	Trip-HB-EU 12K	Hybrid PV inverter grid-tied	Intertek	2024/06/12		240408177ZU-001	CN-PVES-240257		Yes	
Luxpower	Trip-HB-EU 15K	Hybrid PV inverter grid-tied	Intertek	2024/06/12		240408177ZU-001	CN-PVES-240257		Yes	
Luxpower	Trip-HB-EU 20K	Hybrid PV inverter grid-tied	Intertek	2024/06/12		240408177ZU-001	CN-PVES-240257		Yes	
Luxpower	Trip-HB-EU 6K	Hybrid PV inverter grid-tied	Intertek	2024/06/12		240408177ZU-001	CN-PVES-240257		Yes	
Luxpower	Trip-HB-EU 9K	Hybrid PV inverter grid-tied	Intertek	2024/06/12		240408177ZU-001	CN-PVES-240257		Yes	
Miscar	Miscar Solar IS-10M	Hybrid PV inverter grid-tied	Bureau Veritas	2022/01/30		PVZA180934N01002	20881803001002	Yes		
Megarevo	MEGA0030T	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E/10	COCPPV08069/23E-01		Yes	
Megarevo	MEGA0030TS	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E/10	COCPPV08069/23E-01		Yes	
Megarevo	MEGA0050T	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E/10	COCPPV08069/23E-01		Yes	
Megarevo	MEGA0050TS	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E/10	COCPPV08069/23E-01		Yes	
Megarevo	MEGA0100T	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E/10	COCPPV08069/23E-01		Yes	
Megarevo	MEGA0100TS	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E/10	COCPPV08069/23E-01		Yes	
Megarevo	MEGA0150T	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E/12	COCPPV08069/23E-02		Yes	
Megarevo	MEGA0150TS	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E/12	COCPPV08069/23E-02		Yes	
Megarevo	MEGA0250T	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E/12	COCPPV08069/23E-02		Yes	
Megarevo	MEGA0250TS	Battery based inverter grid-tied	TUV NORD	2023/10/27		TRPVP08069/23E/12	COCPPV08069/23E-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	COCPPV11037/21E-02		Yes	
Megarevo	MPS00150	Hybrid PV inverter grid-tied	TUV NORD	2022/05/13		TRPVP11037/21E/01	COCPPV11037/21E-02		Yes	
Megarevo	MPS00250	Hybrid PV inverter grid-tied	TUV Rheinland	2023/01/12		CN229F6J 001	AK 5057114 0001		Yes	
Megarevo	MPS0030	Hybrid PV inverter grid-tied	TUV NORD	2022/05/13		TRPVP11037/21E/01	COCPPV11037/21E-02		Yes	
Megarevo	MPS0050	Hybrid PV inverter grid-tied	TUV NORD	2022/05/13		TRPVP11037/21E/01	COCPPV11037/21E-02		Yes	
Megarevo	MPS00500	Hybrid PV inverter grid-tied	TUV Rheinland	2023/01/12		CN229F6J 001	AK 5057114 0001		Yes	
Megarevo	R10KH3	Hybrid PV inverter grid-tied	TUV SUD	2024/03/13		64.290.21.30835.02	D 115385 0009 Rev.01		Yes	
Megarevo	R10KH3-P	Hybrid PV inverter grid-tied	TUV SUD	2024/03/13		64.290.21.30835.02	D 115385 0009 Rev.01		Yes	
Megarevo	R12KH3	Hybrid PV inverter grid-tied	TUV SUD	2024/03/13		64.290.21.30835.02	D 115385 0009 Rev.01		Yes	
Megarevo	R12KH3-P	Hybrid PV inverter grid-tied	TUV SUD	2024/03/13		64.290.21.30835.02	D 115385 0009 Rev.01		Yes	
Megarevo	R15KH3	Hybrid PV inverter grid-tied	TUV SUD	2024/03/13		64.290.21.30835.02	D 115385 0009 Rev.01		Yes	
Megarevo	R15KH3-P	Hybrid PV inverter grid-tied	TUV SUD	2024/03/13		64.290.21.30835.02	D 115385 0009 Rev.01		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		C1Y1-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		C1Y1-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		C1Y1-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		C1Y1-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		C1Y1-ESH-P22120488	U23-0750		Yes	
Megarevo	R6KH3	Hybrid PV inverter grid-tied	TUV SUD	2024/03/13		64.290.21.30835.02	D 115385 0009 Rev.01		Yes	
Megarevo	R6KH3-P	Hybrid PV inverter grid-tied	TUV SUD	2024/03/13		64.290.21.30835.02	D 115385 0009 Rev.01		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		C1Y1-ESH-P22120488	U23-0750		Yes	
Megarevo	R8KH3	Hybrid PV inverter grid-tied	TUV SUD	2024/03/13		64.290.21.30835.02	D 115385 0009 Rev.01		Yes	
Megarevo	R8KH3-P	Hybrid PV inverter grid-tied	TUV SUD	2024/03/13		64.290.21.30835.02	D 115385 0009 Rev.01		Yes	
Megarevo	R8KL1	Hybrid PV inverter grid-tied	TUV SUD	2022/01/26		64.290.21.30835.01	D 115385 0002 Rev. 00		Yes	
Megarevo	R8KL1-G2	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/31		C1Y1-ESH-P22120488	U23-0750		Yes	
Midea	ME-HSSL-A	Hybrid PV inverter grid-tied	TUV Rheinland	2023/06/26		CN239SFN 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		221215057ZU-006	CN-PV-230121		Yes	
Neovolt	BW-INV-SPH3,6K	Hybrid PV inverter grid-tied	Intertek	2023/03/27		221215057ZU-006	CN-PV-230121		Yes	
Neovolt	BW-INV-SPH5K	Hybrid PV inverter grid-tied	Intertek	2023/03/27		221215057ZU-006	CN-PV-230121		Yes	
Ofstar	VEN5KHB-D1	Hybrid PV inverter grid-tied	TUV SUD	2023/10/20		64.290.23.31437.01	D122465 0001 Rev. 00		Yes	
Ofstar	VEN8KHB-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 6KAC	Battery based inverter grid-tied	TUV Rheinland	2023/05/11		CN23UTJN 001	AK 50580973 0001		Yes
Ouco	M3K6ES	Hybrid PV inverter grid-tied	TUV SUD	2022/01/25		64_290.22.30047.01	D 115420 0001 Rev.00		Yes
Ouco	M3KES	Hybrid PV inverter grid-tied	TUV SUD	2022/01/25		64_290.22.30047.01	D 115420 0001 Rev.00		Yes
Ouco	M4K6ES	Hybrid PV inverter grid-tied	TUV SUD	2022/01/25		64_290.22.30047.01	D 115420 0001 Rev.00		Yes
Ouco	M4KES	Hybrid PV inverter grid-tied	TUV SUD	2022/01/25		64_290.22.30047.01	D 115420 0001 Rev.00		Yes
Ouco	M5KES	Hybrid PV inverter grid-tied	TUV SUD	2022/01/25		64_290.22.30047.01	D 115420 0001 Rev.00		Yes
Ouco	M6KES	Hybrid PV inverter grid-tied	TUV SUD	2022/01/25		64_290.22.30047.01	D 115420 0001 Rev.00		Yes
Ouco	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 Revision 1	CN-PV-230318R1		Yes
Powercent	PC-INV-SPH3.6K	Hybrid PV inverter grid-tied	Intertek	2023/08/02		230501592SHA-001 Revision 1	CN-PV-230318R1		Yes
Powercent	PC-INV-SPH3K	Hybrid PV inverter grid-tied	Intertek	2023/08/02		230501592SHA-001 Revision 1	CN-PV-230318R1		Yes
Powerannk	GH-3K6HL	Hybrid PV inverter grid-tied	TUV SUD	2022/11/11		64_290.22.31476.01	D 110578 0002 Rev.00		Yes
Powerannk	GH-3KHL	Hybrid PV inverter grid-tied	TUV SUD	2022/11/11		64_290.22.31476.01	D 110578 0002 Rev.00		Yes
Powerannk	GH-4K6HL	Hybrid PV inverter grid-tied	TUV SUD	2022/11/11		64_290.22.31476.01	D 110578 0002 Rev.00		Yes
Powerannk	GH-4KHL	Hybrid PV inverter grid-tied	TUV SUD	2022/11/11		64_290.22.31476.01	D 110578 0002 Rev.00		Yes
Powerannk	GH-5KHL	Hybrid PV inverter grid-tied	TUV SUD	2022/11/11		64_290.22.31476.01	D 110578 0002 Rev.00		Yes
Powerannk	GH-6KHL	Hybrid PV inverter grid-tied	TUV SUD	2022/11/11		64_290.22.31476.01	D 110578 0002 Rev.00		Yes
QWVi	CVG10V-5KW	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes
QWVi	CVG20V	Hybrid PV inverter grid-tied	TUV SUD	2024/06/17		64_290.24.30289 01 001	D 122482 0002 Rev. 00		Yes
QWVi	CVG30V	Hybrid PV inverter grid-tied	TUV SUD	2024/06/17		64_290.24.30289 01 001	D 122482 0002 Rev. 00		Yes
QWVi	CVG50V-3K6W60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes
QWVi	CVG60V-3K68W60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes
QWVi	CVG70V-4K6W60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes
QWVi	CVG80V-5KW60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes
QWVi	CVG90V-6KW60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes
QWVi	CVGA0V-4KW	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes
QWVi	CVGB0V-6KW	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 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 4800-EP	Hybrid PV inverter grid-tied	Intertek	2020/12/22		201207035GZU-001	CN-PV-200172		Yes
Rentech	HYD 5000-EP	Hybrid PV inverter grid-tied	Intertek	2020/12/22		201207035GZU-001	CN-PV-200172		Yes
Rentech	HYD 5500-EP	Hybrid PV inverter grid-tied	Intertek	2020/12/22		201207035GZU-001	CN-PV-200172		Yes
Rentech	HYD 6000-EP	Hybrid PV inverter grid-tied	Intertek	2020/12/22		201207035GZU-001	CN-PV-200172		Yes
Rentech	INFINISOLAR PLUS 5 kW	Hybrid PV inverter grid-tied	Bureau Veritas	2021/02/20		PVZA2101WDG0269	2188AP0269001		Yes
Royal	RH 10K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		221102934SHA-004	CN-PV-230379		Yes
Royal	RH 3.6K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		2305A0674SHA-001	CN-PV-230383		Yes
Royal	RH 4.6K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		2305A0674SHA-001	CN-PV-230383		Yes
Royal	RH 4K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		2305A0674SHA-001	CN-PV-230383		Yes
Royal	RH 5K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		2305A0674SHA-001	CN-PV-230383		Yes
Royal	RH 6K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		2305A0674SHA-001	CN-PV-230383		Yes
Royal	RH 7K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		221102934SHA-004	CN-PV-230379		Yes
Royal	RH 8K-1PLVG1-EU	Hybrid PV inverter grid-tied	Intertek	2023/06/30		221102934SHA-004	CN-PV-230379		Yes
Royal	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	CH2-29.9K-T4	Hybrid PV inverter grid-tied	TUV Rheinland	2023/11/09		AK 50607862 0001	CN23IDBQ 001		Yes
SAJ	CH2-29.9K-T4-P	Hybrid PV inverter grid-tied	Shenzhen Chengxin Technology Service	2024/04/29		CTS20240092-S	CTS20240092-C		Yes
SAJ	CH2-30K-T4	Hybrid PV inverter grid-tied	TUV Rheinland	2023/11/09		AK 50607862 0001	CN23IDBQ 001		Yes
SAJ	CH2-30K-T4-P	Hybrid PV inverter grid-tied	Shenzhen Chengxin Technology Service	2024/04/29		CTS20240092-S	CTS20240092-C		Yes
SAJ	CH2-40K-T5	Hybrid PV inverter grid-tied	TUV Rheinland	2023/11/09		AK 50607862 0001	CN23IDBQ 001		Yes
SAJ	CH2-40K-T5-P	Hybrid PV inverter grid-tied	Shenzhen Chengxin Technology Service	2024/04/29		CTS20240092-S	CTS20240092-C		Yes
SAJ	CH2-50K-T6	Hybrid PV inverter grid-tied	TUV Rheinland	2023/11/09		AK 50607862 0001	CN23IDBQ 001		Yes
SAJ	CH2-50K-T6-P	Hybrid PV inverter grid-tied	Shenzhen Chengxin Technology Service	2024/04/29		CTS20240092-S	CTS20240092-C		Yes
SAJ	CH2-63K-T6	Hybrid PV inverter grid-tied	TUV Rheinland	2023/11/09		AK 50607862 0001	CN23IDBQ 001		Yes
SAJ	CH2-63K-T6-P	Hybrid PV inverter grid-tied	Shenzhen Chengxin Technology Service	2024/04/29		CTS20240092-S	CTS20240092-C		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 8 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		CN232U7 001	AK 50609510 0001		Yes
Schneider	CL 33	Grid-tied PV inverter	TUV NORD & Shenzhen Balun	2021/02/09		TRPVP11115/20B/01_R2	COCPPV11115/20B_R1	Yes	
Schneider	CL50	Grid-tied PV inverter	TUV NORD & Shenzhen Balun	2021/02/09		TRPVP11115/20B/01_R2	COCPPV11115/20B_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		50328684 002	AK 50477341 0001	Yes	

Sermatec	SMT-10K-TL-TH	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		64.290.19.01428.01	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 Hybrid 10.0 SP	Hybrid PV inverter grid-tied	Intertek	2024/04/16		240306020GZU-001	CN-PVES-240141				Yes		
Sigenergy	Sigen Hybrid 12.0 SP	Hybrid PV inverter grid-tied	Intertek	2024/04/16		240306020GZU-001	CN-PVES-240141				Yes		
Sigenergy	Sigen Hybrid 8.0 SP	Hybrid PV inverter grid-tied	Intertek	2024/04/16		240306020GZU-001	CN-PVES-240141				Yes		
Sigenergy	Sigen PV Max 10.0 SP	Grid-tied PV inverter	Intertek	2024/04/16		240306020GZU-001	CN-PVES-240141				Yes		
Sigenergy	Sigen PV Max 12.0 SP	Grid-tied PV inverter	Intertek	2024/04/16		240306020GZU-001	CN-PVES-240141				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 SP	Grid-tied PV inverter	Intertek	2024/04/16		240306020GZU-001	CN-PVES-240141				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 10.0 SP	Hybrid PV inverter grid-tied	Intertek	2024/04/16		240306020GZU-001	CN-PVES-240141				Yes		
Sigenergy	SigenStor EC 12.0 SP	Hybrid PV inverter grid-tied	Intertek	2024/04/16		240306020GZU-001	CN-PVES-240141				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		CN23Q55Z 001	AK 50598929 0001		Yes				
Sigenergy	SigenStor EC 3.6 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19		CN23Q55Z 001	AK 50598929 0001		Yes				
Sigenergy	SigenStor EC 4.0 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19		CN23Q55Z 001	AK 50598929 0001		Yes				
Sigenergy	SigenStor EC 4.6 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19		CN23Q55Z 001	AK 50598929 0001		Yes				
Sigenergy	SigenStor EC 5.0 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19		CN23Q55Z 001	AK 50598929 0001		Yes				
Sigenergy	SigenStor EC 6.0 SP	Hybrid PV inverter grid-tied	TUV Rheinland	2023/08/19		CN23Q55Z 001	AK 50598929 0001		Yes				
Sigenergy	SigenStor EC 8.0 SP	Hybrid PV inverter grid-tied	Intertek	2024/04/16		240306020GZU-001	CN-PVES-240141				Yes		
Sigenergy	SigenStor EC 8.0 TP	Hybrid PV inverter grid-tied	Intertek	2024/01/09		230705154GZU-001	CN-PV-240012		Yes				
Sineng	SN100PT	Grid-tied PV inverter	TUV Rheinland	2024/06/03		CN24PPJN 001	AK 50633023 0001				Yes		
Sineng	SN110PT	Grid-tied PV inverter	TUV Rheinland	2024/06/03		CN24PPJN 001	AK 50633023 0001				Yes		
Sineng	SN110PT-B	Grid-tied PV inverter	TUV Rheinland	2024/06/03		CN24PPJN 001	AK 50633023 0001				Yes		
Sineng	SN125PT	Grid-tied PV inverter	TUV Rheinland	2024/06/03		CN24PPJN 001	AK 50633023 0001				Yes		
Sineng	SN3.0-HS	Hybrid PV inverter grid-tied	TUV SUD	2024/01/22		70.409.23.462.15-00	No.D 091566 0071 Rev.00		Yes				
Sineng	SN3.68HS	Hybrid PV inverter grid-tied	TUV SUD	2024/01/22		70.409.23.462.15-00	No.D 091566 0071 Rev.00		Yes				
Sineng	SN4.0HS	Hybrid PV inverter grid-tied	TUV SUD	2024/01/22		70.409.23.462.15-00	No.D 091566 0071 Rev.00		Yes				
Sineng	SN5.0HS	Hybrid PV inverter grid-tied	TUV SUD	2024/01/22		70.409.23.462.15-00	No.D 091566 0071 Rev.00		Yes				
Sineng	SN50PT	Grid-tied PV inverter	TUV Rheinland	2024/06/26		CN24RO4C 001	AK 50636070 0001				Yes		
Sineng	SN50PT-B	Grid-tied PV inverter	TUV Rheinland	2024/06/26		CN24RO4C 001	AK 50636070 0001				Yes		
Sineng	SN6.0HS	Hybrid PV inverter grid-tied	TUV SUD	2024/01/22		70.409.23.462.15-00	No.D 091566 0071 Rev.00		Yes				
Sineng	SN60PT	Grid-tied PV inverter	TUV Rheinland	2024/06/26		CN24RO4C 001	AK 50636070 0001				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	TUV SUD	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	TUV SUD	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	COCOPV11012/23E-01		Yes				
Sinotec	HT-6KW-A	Hybrid PV inverter grid-tied	TUV NORD	2023/12/05		TRPVP11012/23E-01	COCOPV11012/23E-01		Yes				
Sinotec	HT-9KW-A	Hybrid PV inverter grid-tied	TUV NORD	2024/01/19		TRPVP12110/23E-01	COCOPV12110/23E-01		Yes				
Sinotec	SAIO-5K	Hybrid PV inverter grid-tied	Dongguan Balun	2024/03/26		BL-DG2430558-201	BL-DG2430558D01		Yes				
Skye	HN3K6S-AH2	Hybrid PV inverter grid-tied	Dongguan Balun	2024/07/10		BL-DG2460091-201(G1) & BL-DG2460091-401(G1)	BL-DG2460091D02		Yes				
Skye	HN3K6S-AH2G	Hybrid PV inverter grid-tied	Dongguan Balun	2024/07/10		BL-DG2460091-201(G1) & BL-DG2460091-401(G1)	BL-DG2460091D02		Yes				
Skye	HN3KS-AH2	Hybrid PV inverter grid-tied	Dongguan Balun	2024/07/10		BL-DG2460091-201(G1) & BL-DG2460091-401(G1)	BL-DG2460091D02		Yes				
Skye	HN3KS-AH2G	Hybrid PV inverter grid-tied	Dongguan Balun	2024/07/10		BL-DG2460091-201(G1) & BL-DG2460091-401(G1)	BL-DG2460091D02		Yes				
Skye	HN4KS-AH2	Hybrid PV inverter grid-tied	Dongguan Balun	2024/07/10		BL-DG2460091-201(G1) & BL-DG2460091-401(G1)	BL-DG2460091D02		Yes				
Skye	HN4KS-AH2G	Hybrid PV inverter grid-tied	Dongguan Balun	2024/07/10		BL-DG2460091-201(G1) & BL-DG2460091-401(G1)	BL-DG2460091D02		Yes				
Skye	HN5KS-AH2	Hybrid PV inverter grid-tied	Dongguan Balun	2024/07/10		BL-DG2460091-201(G1) & BL-DG2460091-401(G1)	BL-DG2460091D02		Yes				
Skye	HN5KS-AH2G	Hybrid PV inverter grid-tied	Dongguan Balun	2024/07/10		BL-DG2460091-201(G1) & BL-DG2460091-401(G1)	BL-DG2460091D02		Yes				
Skye	HN6KS-AH2	Hybrid PV inverter grid-tied	Dongguan Balun	2024/07/10		BL-DG2460091-201(G1) & BL-DG2460091-401(G1)	BL-DG2460091D02		Yes				
Skye	HN6KS-AH2G	Hybrid PV inverter grid-tied	Dongguan Balun	2024/07/10		BL-DG2460091-201(G1) & BL-DG2460091-401(G1)	BL-DG2460091D02		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	CVG2SW	Hybrid PV inverter grid-tied	TUV SUD	2024/06/17		64.290.24.30289.01 001	D 122482 0002 Rev. 00		Yes				
Skyworth	CVG3SW	Hybrid PV inverter grid-tied	TUV SUD	2024/06/17		64.290.24.30289.01 001	D 122482 0002 Rev. 00		Yes				
Skyworth	CVG5QV-3K6W/60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes				
Skyworth	CVG5SW-3K6W/60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes				
Skyworth	CVG6QV-3K6W/60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes				
Skyworth	CVG6SW-3K6W/60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes				
Skyworth	CVG7QV-4K6W/60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes				
Skyworth	CVG7SW-4K6W/60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes				
Skyworth	CVG8QV-5KW/60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes				
Skyworth	CVG8SW-5KW/60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes				
Skyworth	CVG9QV-6KW/60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes				
Skyworth	CVG9SW-6KW/60	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes				
Skyworth	CVGAQV-4KW	Hybrid PV inverter grid-tied	TUV Rheinland	2024/01/26		CN23S00Q 001	AK 50614544 0001		Yes				
Skyworth	CVGASW-4KW	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	TUV SÜD	2021/01/21		704092001861-000	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	
SMA	STP50-41	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	STP60-10	Grid-tied PV inverter	Bureau Veritas	2018/09/26		14TH0075-NRS 097-2-1 3	U18-0451	Yes		Inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
SMA	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	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	
Sofar Solar	HYD 4000-ES	Hybrid PV inverter grid-tied	Intertek	2019/07/16		190603089GZU-001	190603089GZU-001		Yes	
Sofar Solar	HYD 5000-ES	Hybrid PV inverter grid-tied	Intertek	2019/07/16		190603089GZU-001	190603089GZU-001		Yes	
Sofar Solar	HYD 5KTL-3PH	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/07/10		BL-DG2060517-B01	BL-DG2060517D01		Yes	
Sofar Solar	HYD 6000-ES	Hybrid PV inverter grid-tied	Intertek	2019/07/16		190603089GZU-001	190603089GZU-001		Yes	
Sofar Solar	HYD 6KTL-3PH	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/07/10		BL-DG2060517-B01	BL-DG2060517D01		Yes	
Sofar Solar	HYD 8KTL-3PH	Hybrid PV inverter grid-tied	Shenzhen Balun	2020/07/10		BL-DG2060517-B01	BL-DG2060517D01		Yes	
SolarEdge	SE 10000H	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/23		16TH0371-NRS 097-2-1 3	U23-0587 1		Yes	
SolarEdge	SE 2200H	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/23		16TH0371-NRS 097-2-1 3	U23-0587 1		Yes	
SolarEdge	SE 4000H	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/23		16TH0371-NRS 097-2-1 3	U23-0587 1		Yes	
SolarEdge	SE 5000H	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/23		16TH0371-NRS 097-2-1 3	U23-0587 1		Yes	
SolarEdge	SE 6000H	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/23		16TH0371-NRS 097-2-1 3	U23-0587 1		Yes	
SolarEdge	SE 8000H	Hybrid PV inverter grid-tied	Bureau Veritas	2023/08/23		16TH0371-NRS 097-2-1 3	U23-0587 1		Yes	
SolarEdge	SE100K	Grid-tied PV inverter	Bureau Veritas	2021/06/07		20TH0532-NRS 097-2-1 0	U21-0499		Yes	Grid connection inverter for 230 V, L-N / 400Vac, L-L output only and is intended with and without AC transformer for Category A2 and A3 plant.
SolarEdge	SE10K	Grid-tied PV inverter	TUV SÜD	2021/09/03		713224660 000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE12.5K	Grid-tied PV inverter	TUV SÜD	2021/09/03		713224660 000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE120K*	Grid-tied PV inverter	Bureau Veritas	2021/06/07		20TH0532-NRS 097-2-1 0	U21-0499		Yes	For both 230 V, L-N / 400Vac, L-L and 277 Vac L-N / 480 Vac L-L output, inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
SolarEdge	SE15K	Grid-tied PV inverter	TUV SÜD	2021/09/03		713224660 000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE16K	Grid-tied PV inverter	TUV SÜD	2021/09/03		713224660 000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE17K	Grid-tied PV inverter	TUV SÜD	2021/09/03		713224660 000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE25K	Grid-tied PV inverter	Bureau Veritas	2020/12/19		19TH0534-NRS 097-2-1 2	U20-1043		Yes	Grid connection inverter for 230 V, L-N / 400Vac, L-L output only and is intended with and without AC transformer for Category A2 and A3 plant.
SolarEdge	SE27.6K	Grid-tied PV inverter	Bureau Veritas	2020/12/19		19TH0534-NRS 097-2-1 2	U20-1043		Yes	Grid connection inverter for 230 V, L-N / 400Vac, L-L output only and is intended with and without AC transformer for Category A2 and A3 plant.
SolarEdge	SE30K	Grid-tied PV inverter	Bureau Veritas	2020/12/19		19TH0534-NRS 097-2-1 2	U20-1043		Yes	For 277 Vac L-N / 480 Vac L-L grid, inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer. Grid connection inverter with 230 V, L-N / 400Vac, L-L output is intended with and without AC transformer for Category A2 and A3 plant.
SolarEdge	SE33.3K	Grid-tied PV inverter	Bureau Veritas	2020/12/19		19TH0534-NRS 097-2-1 2	U20-1043		Yes	
SolarEdge	SE3K	Grid-tied PV inverter	TUV SÜD	2021/09/03		713224660 000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE40K	Grid-tied PV inverter	Bureau Veritas	2020/12/19		19TH0534-NRS 097-2-1 2	U20-1043		Yes	For both 230 V, L-N / 400Vac, L-L and 277 Vac L-N / 480 Vac L-L output, inverter may only be used in plants according to Category A3: 100 kVA - 1MVA and connection to the grid via an external customer MV/LV AC transformer.
SolarEdge	SE4K	Grid-tied PV inverter	TUV SÜD	2021/09/03		713224660 000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE50K	Grid-tied PV inverter	Bureau Veritas	2021/06/07		20TH0532-NRS 097-2-1 0	U21-0499		Yes	Grid connection inverter for 230 V, L-N / 400Vac, L-L output only and is intended with and without AC transformer for Category A2 and A3 plant.
SolarEdge	SE55K	Grid-tied PV inverter	Bureau Veritas	2021/06/07		20TH0532-NRS 097-2-1 0	U21-0499		Yes	Grid connection inverter for 230 V, L-N / 400Vac, L-L output only and is intended with and without AC transformer for Category A2 and A3 plant.
SolarEdge	SE5K	Grid-tied PV inverter	TUV SÜD	2021/09/03		713224660 000	D 082496 0022 Rev.00		Yes	
SolarEdge	SE66.6K	Grid-tied PV inverter	Bureau Veritas	2021/06/07		20TH0532-NRS 097-2-1 0	U21-0499		Yes	Grid connection inverter for 230 V, L-N / 400Vac, L-L output only and is intended with and without AC transformer for Category A2 and A3 plant.









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	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW33K-LT-G2	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW36K-LT-G2	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW40K-LT-G2	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW40K-LT-G2 Pro	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW45K-LT-G2	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW45K-LT-G2 Pro	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW50K-LT-G2	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Solplanet	ASW50K-LT-G2 Pro	Grid-tied PV inverter	TÜV SÜD	2022/07/25		70.409.22.286.25-00	D 099567 0067 Rev.00	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
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		
Soltaro	SOL-10KW-3P	Hybrid PV inverter grid-tied	TUV SÜD	2019/07/26		6429018047301A	D 104877 0003	Yes		
Sosen	SSE-HL3K6-P1EU	Hybrid PV inverter grid-tied	Bureau Veritas	2024/04/29		CNOV-ESH-P24030577	U24-0317	Yes		
Sosen	SSE-HL3K-P1EU	Hybrid PV inverter grid-tied	Bureau Veritas	2024/04/29		CNOV-ESH-P24030577	U24-0317	Yes		
Sosen	SSE-HL4K6-P1EU	Hybrid PV inverter grid-tied	Bureau Veritas	2024/04/29		CNOV-ESH-P24030577	U24-0317	Yes		
Sosen	SSE-HL4K-P1EU	Hybrid PV inverter grid-tied	Bureau Veritas	2024/04/29		CNOV-ESH-P24030577	U24-0317	Yes		
Sosen	SSE-HL5K-P1EU	Hybrid PV inverter grid-tied	Bureau Veritas	2024/04/29		CNOV-ESH-P24030577	U24-0317	Yes		
Sosen	SSE-HL6K-P1EU	Hybrid PV inverter grid-tied	Bureau Veritas	2024/04/29		CNOV-ESH-P24030577	U24-0317	Yes		
Sosen	SSE-HL7K-P1EU	Hybrid PV inverter grid-tied	Bureau Veritas	2024/04/29		CNOV-ESH-P24030577	U24-0317	Yes		
Specialised Battery Services (SBS)	SBS 10KHB-T	Hybrid PV inverter grid-tied	TÜV SÜD	2023/08/25		64.290.23.31113.01	D 122203 0001 Rev.00	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	TÜV SÜD	2023/08/25		64.290.23.31113.01	D 122203 0001 Rev.00	Yes		
SRNE	ASF48100S200-H	Hybrid PV inverter grid-tied	Dongguan Balun	2024/01/19		BL-DG23C0700-201	BL-DG23C0700D01	Yes		
SRNE	ASF4880S190-H	Hybrid PV inverter grid-tied	Dongguan Balun	2024/01/19		BL-DG23C0700-201	BL-DG23C0700D01	Yes		
SRNE	ASF48100S200-H	Hybrid PV inverter grid-tied	Dongguan Balun	2024/01/19		BL-DG23C0700-201	BL-DG23C0700D01	Yes		
SRNE	ASF4880S190-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	COCVP06096/23E/02	Yes		
SRNE	HESP48120S200-H	Hybrid PV inverter grid-tied	TUV NORD	2023/12/13		TRPVP06096/23E/02	COCVP06096/23E/02	Yes		
SRNE	HESP4840S100-H	Hybrid PV inverter grid-tied	TUV NORD	2023/11/06		TRPVP06096/23E/01	COCVP06096/23E/01	Yes		
SRNE	HESP4846S100-H	Hybrid PV inverter grid-tied	TUV NORD	2023/11/06		TRPVP06096/23E/01	COCVP06096/23E/01	Yes		
SRNE	HESP4850S100-H	Hybrid PV inverter grid-tied	TUV NORD	2023/11/06		TRPVP06096/23E/01	COCVP06096/23E/01	Yes		
SRNE	HESP4855S100-H	Hybrid PV inverter grid-tied	TUV NORD	2023/11/06		TRPVP06096/23E/01	COCVP06096/23E/01	Yes		
SRNE	HESP4860S100-H	Hybrid PV inverter grid-tied	TUV NORD	2023/11/06		TRPVP06096/23E/01	COCVP06096/23E/01	Yes		
SRNE	HESP4880S200-H	Hybrid PV inverter grid-tied	TUV NORD	2023/12/13		TRPVP06096/23E/02	COCVP06096/23E/02	Yes		
SRNE	HYP4840S100-H	Hybrid PV inverter grid-tied	Dongguan Balun	2024/02/05		BL-DG23C0699-201	BL-DG23C0699D01	Yes		
SRNE	HYP4850S100-H	Hybrid PV inverter grid-tied	Dongguan Balun	2024/02/05		BL-DG23C0699-201	BL-DG23C0699D01	Yes		
SRNE	HYP4860S100-H	Hybrid PV inverter grid-tied	Dongguan Balun	2024/02/05		BL-DG23C0699-201	BL-DG23C0699D01	Yes		
SRNE	SR-EOT05S-220	Hybrid PV inverter grid-tied	Dongguan Balun	2024/02/05		BL-DG23C0699-201	BL-DG23C0699D01	Yes		
SRNE	SR-EOT05C-220	Hybrid PV inverter grid-tied	Dongguan Balun	2024/02/05		BL-DG23C0699-201	BL-DG23C0699D01	Yes		
Sungrow	SC50HV	Battery based inverter grid-tied	TUV SÜD	2021/08/09		704092103524-00	D 0733420345 Rev.00	Yes		
Sungrow	SC50HV-2	Battery based inverter grid-tied	TUV SÜD	2021/08/09		704092103524-00	D 0733420345 Rev.00	Yes		
Sungrow	SG110CX	Grid-tied PV inverter	TÜV NORD & Shenzhen Balun	2020/03/19		TRSHV11090/19/02_R2	COCSHV11090/19-02_R1	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	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	TÜV NORD & Shenzhen Balun	2020/03/19		TRSHV11090/19/01_R2	COCSHV11090/19-01_R1	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	SG36KTL-M	Grid-tied PV inverter	TUV Rheinland	2018/03/26		704091708604-01	D180373342197	Yes		
Sungrow	SG40CX	Grid-tied PV inverter	TÜV NORD & Shenzhen Balun	2020/03/19		TRSHV11090/19/01_R2	COCSHV11090/19-01_R1	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	SG50CX	Grid-tied PV inverter	TÜV NORD & Shenzhen Balun	2020/03/19		TRSHV11090/19/01_R2	COCSHV11090/19-01_R1	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	SG60KTL	Grid-tied PV inverter	TUV SÜD	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	SG90KTL	Grid-tied PV inverter	Dekra	2018/07/11		6035428.50	6035428.01AOC	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	SG80KTL-20	Grid-tied PV inverter	Dekra	2018/07/11		6035428.50	6035428.01AOC	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	SH10RT	Hybrid PV inverter grid-tied	TUV NORD & Shenzhen Balun	2020/07/24		TRSHV11090/19/03	COCSHV11090/19-03	Yes		
Sungrow	SH15T	Hybrid PV inverter grid-tied	SGS	2023/11/24	2028/07/04	230047RECO05-E1	230047RECO05-E1-CER	Yes		
Sungrow	SH20T	Hybrid PV inverter grid-tied	SGS	2023/11/24	2028/07/04	230047RECO05-E1	230047RECO05-E1-CER	Yes		
Sungrow	SH25T	Hybrid PV inverter grid-tied	SGS	2023/11/24	2028/07/04	230047RECO05-E1	230047RECO05-E1-CER	Yes		
Sungrow	SH3.0RS	Hybrid PV inverter grid-tied	TUV Rheinland	2022/03/15		CN22CHUH 001	AK 50536847 0001	Yes		
Sungrow	SH3.6RS	Hybrid PV inverter grid-tied	TUV Rheinland	2022/03/15		CN22CHUH 001	AK 50536847 0001	Yes		
Sungrow	SH4.0RS	Hybrid PV inverter grid-tied	TUV Rheinland	2022/03/15		CN22CHUH 001	AK 50536847 0001	Yes		
Sungrow	SH5.0RS	Hybrid PV inverter grid-tied	TUV Rheinland	2022/03/15		CN22CHUH 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	SH6.0RS	Hybrid PV inverter grid-tied	Dekra	2018/05/31		6025450.51	6025450.02AOC	Yes		The maximum DC voltage is depended on PV array and may not exceed 1000V when this inverter is used.
Sungrow	SH6.0RS	Hybrid PV inverter grid-tied	Dekra	2020/03/27		6072682.50	6072682.01AOC	Yes		
Sungrow	SH6.0RS	Hybrid PV inverter grid-tied	TUV Rheinland	2022/03/15		CN22CHUH 001	AK 50536847 0001	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-LHT	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-100KTL	Grid-tied PV inverter	Dekra	2024/04/26		6193233.50	6161989.01C00	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-110KTL	Grid-tied PV inverter	Dekra	2024/04/26		6193233.50	6161989.01C00	Yes	
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-80KTL	Grid-tied PV inverter	Dekra	2024/04/26		6193233.50	6161989.01C00	Yes	
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-10K 48VDC	Hybrid PV inverter grid-tied	TUV SUD	2024/02/20		64 290.23.32286.01	D 124515 0001 Rev. 00	Yes	
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		64 290.23.32286.01	D 124515 0001 Rev. 00	Yes	
Swolt	ME01-PH-SV6KW/L1	Hybrid PV inverter grid-tied	TUV SUD	2023/08/11		64 290.23.31188.01	D 120520 0002 Rev. 00	Yes	
Swolt	ME01-PH-SV8KW/L1	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 II 2KVA-M	Battery based inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	Yes	
TBB Power	RiO II 2KVA-S	Battery based inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	Yes	
TBB Power	RiO II 3KVA-M	Battery based inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	Yes	
TBB Power	RiO II 3KVA-S	Battery based inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	Yes	
TBB Power	RiO II 4KVA-S	Battery based inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	Yes	
TBB Power	RiO II 5KVA-S	Battery based inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	Yes	
TBB Power	RiO II 6KVA-S	Battery based inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	Yes	
TBB Power	RiO II 8KVA-S	Battery based inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	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	
TBB Power	RiO Sun II 2KVA-M	Hybrid PV inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	Yes	
TBB Power	RiO Sun II 2KVA-S	Hybrid PV inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	Yes	
TBB Power	RiO Sun II 3KVA-M	Hybrid PV inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	Yes	
TBB Power	RiO Sun II 3KVA-S	Hybrid PV inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	Yes	
TBB Power	RiO Sun II 4KVA-S	Hybrid PV inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	Yes	
TBB Power	RiO Sun II 5KVA-S	Hybrid PV inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	Yes	
TBB Power	RiO Sun II 6KVA-S	Hybrid PV inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	Yes	
TBB Power	RiO Sun II 8KVA-S	Hybrid PV inverter grid-tied	TUV NORD	2024/01/22		TRPVP12006/23E/04	COCPPV12006/23E-01	Yes	
TBB Power	Tyrann 10.0S	Battery based inverter grid-tied	TUV NORD	2024/04/22		TRPVP03055/24E/01	COCPPV03055/24E-01	Yes	
TBB Power	Tyrann 15.0S	Battery based inverter grid-tied	TUV NORD	2024/04/22		TRPVP03055/24E/01	COCPPV03055/24E-01	Yes	
TBB Power	Tyrann 8.0S	Battery based inverter grid-tied	TUV NORD	2024/04/22		TRPVP03055/24E/01	COCPPV03055/24E-01	Yes	
TELE Haase Steuergerate	NA003	Network & system relay	Primara	2018/09/20		14PP035-12	18-315-00	Yes	Network and system grid protection voltage and frequency relay only and may only be used in conjunction with approved NRS 097-2-1 type tested inverters on this list
Tesla	AC Powerwall 1092170-xx-y	Battery based inverter grid-tied	Intertek	2020/05/20		102591059CRT-051c	102591059CRT-051c	Yes	
Tesla	AC Powerwall 202170-xx-y	Battery based inverter grid-tied	Intertek	2020/05/20		102591059CRT-051c	102591059CRT-051c	Yes	
UCanPower	UHC-8KT	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/03/24		HC23112802002-EG-ZA-001	HC23112802002-EG-ZA-V001	Yes	
UCanPower	UHC-10KT	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/03/24		HC23112802002-EG-ZA-001	HC23112802002-EG-ZA-V001	Yes	
UCanPower	UHC-10KT-40	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/03/24		HC23112802002-EG-ZA-001	HC23112802002-EG-ZA-V001	Yes	
UCanPower	UHC-12KT	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/03/24		HC23112802002-EG-ZA-001	HC23112802002-EG-ZA-V001	Yes	
UCanPower	UHC-12KT-40	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/03/24		HC23112802002-EG-ZA-001	HC23112802002-EG-ZA-V001	Yes	
UCanPower	UHC-15KT	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/03/24		HC23112802002-EG-ZA-001	HC23112802002-EG-ZA-V001	Yes	
UCanPower	UHC-20KT	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/03/24		HC23112802002-EG-ZA-001	HC23112802002-EG-ZA-V001	Yes	
UCanPower	UHC-4KT	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/03/24		HC23112802002-EG-ZA-001	HC23112802002-EG-ZA-V001	Yes	
UCanPower	UHC-5KT	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/03/24		HC23112802002-EG-ZA-001	HC23112802002-EG-ZA-V001	Yes	
UCanPower	UHC-6KT	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/03/24		HC23112802002-EG-ZA-001	HC23112802002-EG-ZA-V001	Yes	
Unipassion	UP-1P10K-HI	Hybrid PV inverter grid-tied	TUV SUD	2023/09/20		64 290.23.31500.01	D 122606 0001 Rev.00	Yes	
Unipassion	UP-1P3K-60	Hybrid PV inverter grid-tied	TUV Rheinland Group	2023/09/15		CN231YHP 001	AK 50602123 0001	Yes	
Unipassion	UP-1P6K-HI	Hybrid PV inverter grid-tied	TUV Rheinland Group	2023/09/15		CN231YHP 001	AK 50602123 0001	Yes	
Unipassion	UP-1P6K-60	Hybrid PV inverter grid-tied	TUV Rheinland Group	2023/09/15		CN231YHP 001	AK 50602123 0001	Yes	
Unipassion	UP-1P6K-HI	Hybrid PV inverter grid-tied	TUV Rheinland Group	2023/09/15		CN231YHP 001	AK 50602123 0001	Yes	
Unipassion	UP-1P6K-HI	Hybrid PV inverter grid-tied	TUV SUD	2023/09/20		64 290.23.31500.01	D 122606 0001 Rev.00	Yes	
Veichi	VHT-25K-100-H	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/07/05		HC24041801001-EG-ZA-001	HC24041801001-EG-ZA-V001	Yes	
Veichi	VHT-30K-100-H	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/07/05		HC24041801001-EG-ZA-001	HC24041801001-EG-ZA-V001	Yes	
Veichi	VHT-36K-100-H	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/07/05		HC24041801001-EG-ZA-001	HC24041801001-EG-ZA-V001	Yes	
Veichi	VHT-40K-100-H	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/07/05		HC24041801001-EG-ZA-001	HC24041801001-EG-ZA-V001	Yes	

Veichi	VHT-40K-100-HP	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/07/05		HC24041801001-EG-ZA-001	HC24041801001-EG-ZA-V001		Yes	
Veichi	VHT-50K-100-H	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/07/05		HC24041801001-EG-ZA-001	HC24041801001-EG-ZA-V001		Yes	
Veichi	VHT-50K-100-HP	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2024/07/05		HC24041801001-EG-ZA-001	HC24041801001-EG-ZA-V001		Yes	
Victron	MultiGrid - II 48/3000/35-32	Battery based inverter grid-tied	Primara	2018/10/02		17PP264-07_1	18-320-00	Yes		
Victron	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	
Victron	Quattro 48/15000/200-100/100	Battery based inverter grid-tied	SGS	2023/11/12	2028/10/26	2220 / 0019 - L -E1	2620/0019-L-E1-CER		Yes	
Voltronic	InfiniSolar 10k	Hybrid PV inverter grid-tied	Bureau Veritas	2020/10/30		PVZA180904N057-R1	2088AP0923N001001	Yes		
Voltronic	MAX DUPLEX S 10K	Hybrid PV inverter grid-tied	Intertek	2023/10/18	2028/10/17	2309001665SHA-001	23SHD1064-01	Yes		
Voltronic	MAX DUPLEX S 11K	Hybrid PV inverter grid-tied	Intertek	2023/10/18	2028/10/17	2309001665SHA-001	23SHD1064-01	Yes		
Watsonic	3.6K-30A-1P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2023/11/13		HC23072004002-EG-ZA-001	HC23072004002-EG-ZA-V001	Yes		
Watsonic	10.0K-25A-3P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001	Yes		
Watsonic	10.0K-40A-3P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001	Yes		
Watsonic	12.0K-25A-3P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001	Yes		
Watsonic	12.0K-40A-3P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001	Yes		
Watsonic	15.0K-40A-3P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001	Yes		
Watsonic	20.0K-40A-3P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001	Yes		
Watsonic	3.0K-30A-1P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2023/11/13		HC23072004002-EG-ZA-001	HC23072004002-EG-ZA-V001	Yes		
Watsonic	4.0K-25A-3P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001	Yes		
Watsonic	4.2K-30A-1P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2023/11/13		HC23072004002-EG-ZA-001	HC23072004002-EG-ZA-V001	Yes		
Watsonic	5.0K-25A-3P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001	Yes		
Watsonic	5.0K-30A-1P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2023/11/13		HC23072004002-EG-ZA-001	HC23072004002-EG-ZA-V001	Yes		
Watsonic	6.0K-25A-3P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001	Yes		
Watsonic	6.0K-30A-1P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2023/11/13		HC23072004002-EG-ZA-001	HC23072004002-EG-ZA-V001	Yes		
Watsonic	8.0K-25A-3P	Hybrid PV inverter grid-tied	Lyns-TCl Tech Guangdong	2023/10/10		HC23072004003-EG-ZA-001	HC23072004003-EG-ZA-V001	Yes		
Watsonic	8.0K-30A-1P	Hybrid PV inverter grid-tied	Lyns-TCl Tech 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
Zola	Edge Inverter 81005-00001	Grid-tied PV inverter	Bureau Veritas	2024/03/28		PVZA2401WDG0035-1	U24-0220	Yes		

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