

**รายชื่อผลิตภัณฑ์อินเวอร์เตอร์ที่ผ่านการทดสอบตาม
ข้อกำหนดสำหรับอินเวอร์เตอร์ที่ใช้ในระบบผลิตไฟฟ้าประเภทเชื่อมต่อกับโครงข่าย
ของการไฟฟ้านครหลวง**

No	Brand	Model/Type	Description	Firmware version
1	ABB	PVS300-TL-3300W-2	230 V, 1ph, 50 Hz, 3.3 kW	07.04 Firmware name CSSIA 07.05 Firmware ver 0.6.255.74
2	ABB	PVS300-TL-4000W-2	230 V, 1ph, 50 Hz, 4 kW	07.04 Firmware name CSSIA 07.05 Firmware ver 0.6.255.74
3	ABB	PVS300-TL-4600W-2	230 V, 1ph, 50 Hz, 4.6 kW	07.04 Firmware name CSSIA 07.05 Firmware ver 0.6.255.74
4	ABB	PVS300-TL-6000W-2	230 V, 1ph, 50 Hz, 6 kW	07.04 Firmware name CSSIA 07.05 Firmware ver 0.6.255.74
5	ABB	PVS300-TL-8000W-2	230 V, 1ph, 50 Hz, 8 kW	07.04 Firmware name CSSIA 07.05 Firmware ver 0.6.255.74
6	ABB	TRIO-20.0-TL-OUTD-400	400 V, 3ph, 50 Hz, 20 kW	1506F
7	ABB	TRIO-20.0-TL-OUTD-S2-400	400 V, 3ph, 50 Hz, 20 kW	1506F
8	ABB	TRIO-20.0-TL-OUTD-S2F-400	400 V, 3ph, 50 Hz, 20 kW	1506F
9	ABB	TRIO-20.0-TL-OUTD-S2X-400	400 V, 3ph, 50 Hz, 20 kW	1506F
10	ABB	TRIO-27.6-TL-OUTD-400	400 V, 3ph, 50 Hz, 27.6 kW	1506F
11	ABB	TRIO-27.6-TL-OUTD-S2-400	400 V, 3ph, 50 Hz, 27.6 kW	1506F
12	ABB	TRIO-27.6-TL-OUTD-S2F-400	400 V, 3ph, 50 Hz, 27.6 kW	1506F
13	ABB	TRIO-27.6-TL-OUTD-S2X-400	400 V, 3ph, 50 Hz, 27.6 kW	1506F
14	Ablerex	ES3300	230 V, 1ph, 50 Hz, 3 kW	PV004800
				PV004802
15	Ablerex	ES5000	230 V, 1ph, 50 Hz, 5 kW	PV004800
				PV004802
16	Afore	HNS5000TL	230 V, 1ph, 50 Hz, 5 kW	H400S300
17	CEHE	EHE-N1K5TL-TM	230 V, 1ph, 50 Hz, 1.5 kW	4038

No	Brand	Model/Type	Description	Firmware version
18	CEHE	EHE-N2KTL-TM	230 V, 1ph, 50 Hz, 2 kW	4038
19	CEHE	EHE-N3KTL-TM	230 V, 1ph, 50 Hz, 3 kW	4038
20	CEHE	EHE-N4KTL-TM	230 V, 1ph, 50 Hz, 4 kW	4038
21	CEHE	EHE-N4K6TL-TM	230 V, 1ph, 50 Hz, 4.6 kW	4038
22	DELTA	SOLIVIA 5.0APG3	230 V, 1ph, 50 Hz, 5 kW	1.0.3
23	DELTA	RPI-M20A	230/400 V, 3ph, 50 Hz, 20 kVA	DSP : 2.03 RED : 1.51 COMM : 1.80
24	EMERSON	SSL0250B	400 V, 3ph, 50 Hz, 250 kW	V110B000D000
				V120B000F201
25	EMERSON	SSL0500B	400 V, 3ph, 50 Hz, 500 kW	V110B000D000
				V120B000F201
26	EneTelus	EPC-A-S35MPT	230 V, 1ph, 50 Hz, 3.5 kW	1.02.01.04
				A0.-A1
27	EneTelus	EPC-A-S55MPT	230 V, 1ph, 50 Hz, 5.5 kW	1.02.01.04
				A0.-A1
28	FRONIUS	FRONIUS IG PLUS35V-1	230 V, 1ph, 50 Hz, 3.5 kW	5.11.09 VER
29	Growatt	Growatt 1000	220 V, 1ph, 50 Hz, 1 kW	G.1.8
30	Growatt	Growatt 1500	220 V, 1ph, 50 Hz, 1.6 kW	G.1.8
31	Growatt	Growatt 2000	220 V, 1ph, 50 Hz, 2 kW	G.1.8
32	Growatt	Growatt 3000	220 V, 1ph, 50 Hz, 2.85 kW	G.1.8
33	Growatt	Growatt 3600 MTL-10	220 V, 1ph, 50 Hz, 3.6 kVA	AS1.0
34	Growatt	Growatt 4200 MTL-10	220 V, 1ph, 50 Hz, 4.2 kVA	AS1.0
35	Growatt	Growatt 5000 MTL-10	220 V, 1ph, 50 Hz, 4.6 kVA	AS1.0
36	Growatt	Growatt 10000UE	230/400 V, 3ph, 50 Hz, 10 kVA	Main Ver : 0D0.9 Comm Ver : 0C0.9
37	Growatt	Growatt 12000UE	230/400 V, 3ph, 50 Hz, 12 kVA	Main Ver : 0D0.9 Comm Ver : 0C0.9
38	Growatt	Growatt 18000UE	230/400 V, 3ph, 50 Hz, 18 kVA	Main Ver : 0D0.9 Comm Ver : 0C0.9
39	Growatt	Growatt 20000UE	230/400 V, 3ph, 50 Hz, 20 kVA	Main Ver : 0D0.9 Comm Ver : 0C0.9
40	Huawei	SUN2000-12KTL	230/400 V, 3ph, 50 Hz, 12 kVA	V100R001

No	Brand	Model/Type	Description	Firmware version
41	Huawei	SUN2000-20KTL	230/400 V, 3ph, 50 Hz, 20 kVA	V100R001
42	JFY	JSI-1500TL	230 V, 1ph, 50 Hz, 1.5 kW	V1.2
43	JFY	JSI-2000TL	230 V, 1ph, 50 Hz, 2 kW	V1.2
44	JFY	JSI-3000TL	230 V, 1ph, 50 Hz, 3 kW	V1.2
45	JFY	SUNTWINS 5000TL	230 V, 1ph, 50 Hz, 5 kW	E1.0
46	JFY	SUNTREE 10000TL	230/400 V, 3ph, 50 Hz, 10 kW	M1.00_S1.00
47	JFY	SUNTREE 15000TL	230/400 V, 3ph, 50 Hz, 15 kW	M1.00--S1.00
48	JFY	SUNTREE 20000TL	230/400 V, 3ph, 50 Hz, 20 kW	M1.00_S1.00
49	JFY	SUNTREE 30000TL	230/400 V, 3ph, 50 Hz, 30 kW	M1.00--S1.00
50	KACO	Powador 39.0 TL3-XL-INT	230/400 V, 3ph, 50 Hz, 33.3 kVA	PKT : V2.20 ARM : V2.30 (C576) CFG : V5.0696 (9677) DSP-AC : V1.64 (E199) DSP-DC : V1.54 (8678)
51	KACO	Powador 60.0 TL3-XL-INT	230/400 V, 3ph, 50 Hz, 49.9 kVA	PKT : V2.20 ARM : V2.30 (C576) CFG : V5.0696 (9677) DSP-AC : V1.64 (E199) DSP-DC : V1.54 (8678)
52	LEONICS	APOLLO G-4300TL(M)	230 V, 1ph, 50 Hz, 3 kW	DSP : 1.0; MCU : 0.20
53	LEONICS	APOLLO G-4500TL(M)	230 V, 1ph, 50 Hz, 5 kW	DSP : 1.0; MCU : 0.20
54	Omnik	Omniksol-4k-TL	230 V, 1ph, 50 Hz, 4 kW	Master : TH1-V1.0-0067-4 Slave : V2.0-0026
55	Replus by Renesola	Replus 2000TLA	230 V, 1ph, 50 Hz, 2 kW	MCUF: V01.13 SCUF: V01.13
56	Replus by Renesola	Replus 3000MTLA	230 V, 1ph, 50 Hz, 3 kW	MCUF: V01.13 SCUF: V01.13
57	Replus by Renesola	Replus 5000MTLA	230 V, 1ph, 50 Hz, 5 kW	MCUF: V01.13 SCUF: V01.13
58	SAJ	Sununo-TL2K	230 V, 1ph, 50 Hz, 2 kW	MCUF: V01.13 SCUF: V01.13
59	SAJ	Sununo-TL3KA	230 V, 1ph, 50 Hz, 3 kW	MCUF: V01.13 SCUF: V01.13

No	Brand	Model/Type	Description	Firmware version
60	SAJ	Sununo-TL4KB	230 V, 1ph, 50 Hz, 4 kW	MCUF: V01.13 SCUF: V01.13
61	SAJ	Sununo-TL5K	230 V, 1ph, 50 Hz, 5 kW	MCUF: V01.13 SCUF: V01.13
62	Samil Power	SolarRiver 2300TL	230 V, 1ph, 50 Hz, 2 kW	V1.00
63	Samil Power	SolarRiver 3000TL	230 V, 1ph, 50 Hz, 2.6 kW	V1.00
64	Samil Power	SolarRiver 3300TL	230 V, 1ph, 50 Hz, 3 kW	V1.00
65	Samil Power	SolarRiver 4400TL	230 V, 1ph, 50 Hz, 4 kW	V1.00
66	Samil Power	SolarRiver 5200TL	230 V, 1ph, 50 Hz, 4.6 kW	V1.00
67	Samil Power	SolarRiver 3400TL-D	230 V, 1ph, 50 Hz, 3 kW	Master DSP SW : V1.00 Slave DSP SW : V1.00 HMI MCU SW : V1.00
68	Samil Power	SolarRiver 4500TL-D	230 V, 1ph, 50 Hz, 4 kW	Master DSP SW : V1.00 Slave DSP SW : V1.00 HMI MCU SW : V1.00
69	Samil Power	SolarRiver 5200TL-D	230 V, 1ph, 50 Hz, 4.6 kW	Master DSP SW : V1.00 Slave DSP SW : V1.00 HMI MCU SW : V1.00
70	Schneider Electric	Conext RL 3000 E	230 V, 1ph, 50 Hz, 3 kVA	DSP : 2.02, 2.5 RED : 2.00 COMM : 2.00
				DSP : 2.02, 2.5 RED : 2.00 COMM : 2.50
71	Schneider Electric	Conext RL 3000 E-S	230 V, 1ph, 50 Hz, 3 kVA	DSP : 2.02, 2.5 RED : 2.00 COMM : 2.00
				DSP : 2.02, 2.5 RED : 2.00 COMM : 2.50

No	Brand	Model/Type	Description	Firmware version
72	Schneider Electric	Conext RL 4000 E	230 V, 1ph, 50 Hz, 4 kVA	DSP : 2.02, 2.5 RED : 2.00 COMM : 2.00
				DSP : 2.02, 2.5 RED : 2.00 COMM : 2.50
73	Schneider Electric	Conext RL 4000 E-S	230 V, 1ph, 50 Hz, 4 kVA	DSP : 2.02, 2.5 RED : 2.00 COMM : 2.00
				DSP : 2.02, 2.5 RED : 2.00 COMM : 2.50
74	Schneider Electric	Conext RL 5000 E	230 V, 1ph, 50 Hz, 5 kVA	DSP : 2.02, 2.5 RED : 2.00 COMM : 2.00
				DSP : 2.02, 2.5 RED : 2.00 COMM : 2.50
75	Schneider Electric	Conext RL 5000 E-S	230 V, 1ph, 50 Hz, 5 kVA	DSP : 2.02, 2.5 RED : 2.00 COMM : 2.00
				DSP : 2.02, 2.5 RED : 2.00 COMM : 2.50
76	Schneider Electric	Conext TL 20000 E	230/400 V, 3ph, 50 Hz, 20 kVA	DSP 1.79
77	Schneider Electric	Conext CL 20000 E	400 V, 3ph, 50 Hz, 20 kVA	COMM APPL : Ver02.02.01 CTRL DCAC : Ver02.02.01 CTRL DCDC : Ver02.02.01
78	Schneider Electric	Conext CL 25000 E	400 V, 3ph, 50 Hz, 25 kVA	COMM APPL : Ver02.02.01 CTRL DCAC : Ver02.02.01 CTRL DCDC : Ver02.02.01
79	Sineng	SSL0250B	400 V, 3ph, 50 Hz, 250 kW	V110B000D000
				V120B000F201

No	Brand	Model/Type	Description	Firmware version
80	Sineng	SSL0500B	400 V, 3ph, 50 Hz, 500 kW	V110B000D000
				V120B000F201
81	SMA	SB 2500TLST-21	230 V, 1ph, 50 Hz, 2.5 kW	FW PACK 2.55 HP2.52
82	SMA	SB 3000TLST-21	230 V, 1ph, 50 Hz, 3 kW	FW PACK 2.55 HP2.52
83	SMA	SB 3600TL-21	230 V, 1ph, 50 Hz, 3.68 kW	FW PACK 2.55 HP2.52
				FW PACK 2.80 HP2.52
84	SMA	SB 5000TL-21	230 V, 1ph, 50 Hz, 4.6 kW	FW PACK 2.55 HP2.52
				FW PACK 2.80 HP2.52
85	SMA	STP 9000TL-20	230/400 V, 3ph, 50 Hz, 9 kW	FW PACK 2.51 HP2.50
86	SMA	STP 17000TL-10	230/400 V, 3ph, 50 Hz, 17 kW	FW PACK 2.55 HP2.52
87	SMA	STP 20000TLEE-10	230/400 V, 3ph, 50 Hz, 20kW	FW PACK 2.53 HP2.50
				FW PACK 2.54 HP2.50
88	SMA	STP 20000TL-30	400 V, 3ph, 50 Hz, 20 kW	Software package 02.80.XX.R ⁽¹⁾ Software version 01.00.XX.R ⁽¹⁾
				Software package 02.81.XX.R ⁽¹⁾ Software version 01.00.XX.R ⁽¹⁾
89	SMA	STP 25000TL-30	400 V, 3ph, 50 Hz, 25 kW	Software package 02.80.XX.R ⁽¹⁾ Software version 01.00.XX.R ⁽¹⁾
				Software package 02.81.XX.R ⁽¹⁾ Software version 01.00.XX.R ⁽¹⁾
90	TM Good We	GW4600-DS	230 V, 1ph, 50 Hz, 4.6 kW	V1.06
91	TM Good We	GW10K-DT	400 V, 3ph, 50 Hz, 10 kW	V1.05.06
92	TM Good We	GW20K-DT	400 V, 3ph, 50 Hz, 20 kW	V1.05.06
93	Tranergy	PVI3000TL	230 V, 1ph, 50 Hz, 2.8 kW	E1.00
94	Tranergy	PVI 5400TL	230 V, 1ph, 50 Hz, 4.6 kW	E1.00
95	Tranergy	TRI017KTL	230/400 V, 3ph, 50 Hz, 17 kW	Master : V W07 Slaver : V W07 HMI : V1.0.7
96	WOLONG	WL-4.6KS-TMS	230 V, 1ph, 50 Hz, 4 kW	B4-5K
97	ZEVERsolar	Eversol TL3000-20	230 V, 1ph, 50 Hz, 3 kW	E1.00
98	ZEVERsolar	Evershine TL5000-10	230 V, 1ph, 50 Hz, 5 kW	E1.00
99	ZEVERsolar	Eversol-TLC 15K	230/400 V, 3ph, 50 Hz, 15 kW	V1.00
100	ZEVERsolar	Eversol-TLC 20K	230/400 V, 3ph, 50 Hz, 20 kW	V1.00