

List of grid-connected photovoltaic inverters which comply with TF 3.2.1 (TR 3.2.1) and TF 3.2.2 (TR3.2.2)

Manufacturer	Designation	Version	Power AC	No. of phases	Approval	Expiry*	TF 3.2.1	TF 3.2.2	File Reference	Comments
[Name]	[Type]	[Rev. / ver]	[kW]	[no.]	[date]	[date]	[X]	[X]	[doc. name]	
ABB SpA	UNO-2.0-I-OUTD		2	1	6 August 2012	NTR	X	-	12/862	
	UNO-2.0-TL-OUTD		2	1	3 May 2016	NTR	X	-	13/91637	
	UNO-2.5-I-OUTD		2.5	1	6 August 2012	NTR	X	-	12/862	
	UNO-3.0-TL-OUTD		3	1	3 May 2016	NTR	X	-	13/91637	
	UNO-3.6-TL-OUTD		3.6	1	1 July 2016	NTR	X	-	13/91637	
	PVI-3.0-TL-OUTD		3	1	15 March 2012	NTR	X	-	12/862	
	PVI-6.0-TL-OUTD		6	3	10 June 2013	NTR	X	-	12/862	
	PVI-8.0-TL-OUTD		8	3	10 June 2013	NTR	X	-	12/862	
	PVI-10.0-TL-OUTD		10	3	15 March 2012	NTR	X	-	12/862	
	PVI-12.5-TL-OUTD		12.5	3	15 March 2012	NTR	-	X	12/862	
	PVI-10.0-I-OUTD		10	3	29 July 2013	NTR	X	-	13/558	
	PVI-12.0-I-OUTD		12	3	29 July 2013	NTR	-	X	13/558	
	TRIO-5.8-TL-OUTD		5.8	3	30 July 2013	NTR	X	-	12/862	
	TRIO-7.5-TL-OUTD		7.5	3	30 July 2013	NTR	X	-	12/862	Password protected limitation possible. The electrician is responsible for the limitation.
	TRIO-8.5-TL-OUTD		8.5	3	30 July 2013	NTR	X	-	12/862	
	TRIO-20.0-TL		20	3	15 March 2012	NTR	-	X	12/862	
	TRIO-27.6-TL		27.6	3	15 March 2012	NTR	-	X	12/862	
TRIO-50.0-TL		50	3	26 January 2017	NTR	-	X	s2017-122		
	PVI-3.6-TL-OUTD		3,6	1	5 May 2015	NTR	X	-	13/91637	Password protected limitation possible. The electrician is responsible for the limitation.
	PRO-33,0-OUTD-400		33	3	13, februar2015	NTR	-	X	13/91637	
	PRO-33,0-OUTD-S-400		33	3	13, februar2015	NTR	-	X	13/91637	
	PRO-33,0-OUTD-SX400		33	3	13, februar2015	NTR	-	X	13/91637	
AEI Power GmbH	Advanced Energy AE 3TL 8		8,25	3	24 July 2015	NTR	X	-	15/08760	
	Advanced Energy AE 3TL 10		10	3	24 July 2015	NTR	X	-	15/08760	
	Advanced Energy AE 3TL 13		13	3	24 July 2015	NTR	-	X	15/08760	
	Advanced Energy AE 3TL 17		17	3	24 July 2015	NTR	-	X	15/08760	
	Advanced Energy AE 3TL 20		20	3	24 July 2015	NTR	-	X	15/08760	
	Advanced Energy AE 3TL 23		23	3	24 July 2015	NTR	-	X	15/08760	
	Advanced Energy AE 3TL 40		40	3	8 May 2015	NTR	-	X	15/08760	
	Advanced Energy AE 3TL 46		46	3	8 May 2015	NTR	-	X	15/08760	
Alpha-ESS	AEV-3048		3	1	11 November 2015	NTR	X	-	15/15552	Hybrid inverter
Aros Solar Technology	SIRIO EVO 1500		1,5	1	17 October 2012	NTR	X	-	10/5724	
	SIRIO EVO 2000		2	1	17 October 2012	NTR	X	-	10/5724	
	SIRIO EVO 3000		3	1	17 October 2012	NTR	X	-	10/5724	
	SIRIO EVO 10000		10	3	8 April 2013	NTR	-	X	10/5724	
	SIRIO EVO 10000		10	3	8 April 2013	NTR	X	-	10/5724	Password protected limitation possible
	SIRIO EVO 12500		12,5	3	8 April 2013	NTR	-	X	10/5724	
Astronergy	CHPI 3KTL		3	1	29 October 2013	NTR	X	-	13/93229	
	CHPI 10 KTL		10	3	19 June 2013	NTR	X	-	12/450	
	CHPI 12 KTL		12	3	6 January 2016	NTR	-	X	13/93229	
	CHPI 18 KTL		18	3	6 January 2016	NTR	-	X	13/93229	
	CHPI 20 KTL		20	3	6 January 2016	NTR	-	X	13/93229	
Boema	BNI 1.5		1,5	1	27 September 2012	NTR	X	-	12/1765	
	BNI 2.2		2,2	1	27 September 2012	NTR	X	-	12/1765	
	BNI 3.0		3	1	27 September 2012	NTR	X	-	12/1765	
Bosch Power Tec GmbH	BPT-S 3		3	1	18.februar 2015	NTR	X	-	15/00256	
	BPT-S3.68		3,68	1	18.februar 2015	NTR	X	-	15/00256	
Carlo Gavazzi	ISMG 1 45DE		3,8	1	26 March 2012	NTR	X	-	11/1238	

	ISMG 1 45DE- PL3		2,99	1	30 May 2012	NTR	X	-	11/1238	
<b>Delta Energy Systems</b>	Delta RPI H3		3	1	28 September 2015	NTR	X	-	13/92893	
	Delta RPI H4A		4	1	28 September 2015	NTR	X	-	13/92893	By factory selection "DK" limited to 3.6 kW
	Delta RPI M6A		6	3	30. januar 2015	NTR	X	-	13/92893	
	Delta RPI M8A		8	3	30. januar 2015	NTR	X	-	13/92893	
	Delta RPI M10A		10	3	30. januar 2015	NTR	X	-	13/92893	
	Delta RPI M15A		15	3	10. februar2015	NTR	-	X	13/92893	
	Delta RPI M20A		20	3	10. februar2016	NTR	-	X	13/92893	
	Delta RPI M30A		30	3	21 March 2017	NTR	-	X	s2017-249	
	Delta RPI M50A		50	3	30. januar 2015	NTR	-	X	13/92893	
<b>Denig Solar ApS</b>	PS8030B		3	1	11 April 2016	NTR	X	-	16/05603	Hybrid inverter
	PS12030B		3	1	11 April 2016	NTR	X	-	16/05603	Hybrid inverter
<b>E3/DC GmbH</b>	E4		4	3	13 June 2014	NTR	X	-	13/81807	
	E5		5	3	31 July 2013	NTR	X	-	13/81807	
	E6		6	3	13 June 2014	NTR	X	-	13/81807	
	E8		8	3	31 July 2013	NTR	X	-	13/81807	
	E12		12.3	3	31 July 2013	NTR	-	X	13/81807	
<b>Enphase Energy Inc.</b>	M250-60-230-S2x-zz (see Com.)		0,25	1	21 July 2015	NTR	X	-	13/80635	( where x=2 or 5 and zz=blank or two letters)
	M215-60-230-S2x-E-zz (see Com.)		0,215	1	21 July 2015	NTR	X	-	13/80635	( where x=2 or 5 and zz=blank or two letters)
	M250-72-2LN-Sx-zz (see Com.)		0,25	1	21 July 2015	NTR	X	-	13/80635	( where x=2 or 5 and zz=blank or two letters)
<b>Fronius</b>	IG Plus 25V-1		2.6	1	4 January 2012	NTR	X	-	12/88	Password protected limitation possible
	IG Plus 30V-1		3	1	4 January 2012	NTR	X	-	12/88	Password protected limitation possible
	IG Plus 35V-1		3.5	1	4 January 2012	NTR	X	-	12/88	Password protected limitation possible
	IG Plus 55V-2		5	2	18 February 2013	NTR	X	-	12/381	Password protected limitation possible
	IG Plus 60V-2		6	2	16 March 2012	NTR	X	-	12/88	Password protected limitation possible
	IG Plus 70V-2		6.5	2	30 March 2012	NTR	X	-	12/88	Password protected limitation possible
	IG Plus 55V-3		5	3	19 July 2012	NTR	X	-	12/381	Password protected limitation possible
	IG Plus 60V-3		6	3	19 July 2012	NTR	X	-	12/381	Password protected limitation possible
	IG Plus 80V-3		7	3	19 July 2012	NTR	X	-	12/381	Password protected limitation possible
	IG Plus 100V-3		8	3	4 January 2012	NTR	X	-	12/88	Password protected limitation possible
	IG Plus 120V-3		10	3	4 January 2012	NTR	X	-	12/88	Password protected limitation possible
	IG Plus 150V-3		12	3	4 January 2012	NTR	-	X	12/88	Password protected limitation possible
	Galvo 1.5-1		1.5	1	29 August 2013	NTR	X	-	13/93193	Password protected limitation possible
	Galvo 2.0-1		2	1	29 August 2013	NTR	X	-	13/93193	Password protected limitation possible
	Galvo 2.5-1		2.5	1	29 August 2013	NTR	X	-	13/93193	Password protected limitation possible
	Galvo 3.0-1		3	1	29 August 2013	NTR	X	-	13/93193	Password protected limitation possible
	Galvo 3.1-1		3.1	1	29 August 2013	NTR	X	-	13/93193	Password protected limitation possible
	Primo 3.0-1-M		3	1	3 March 2016	NTR	X	-	13/93193	Password protected limitation possible
	Primo 3.5-1-M		3.5	1	3 March 2016	NTR	X	-	13/93193	Password protected limitation possible
	Primo 3.6-1-M		3.68	1	3 March 2016	NTR	X	-	13/93193	Password protected limitation possible
	Symo Hybrid 3.0-3-S		3	3	21 July 2015	NTR	X	-	13/93193	Password protected limitation possible
	Symo Hybrid 4.0-3-S		4	3	21 July 2015	NTR	X	-	13/93193	Password protected limitation possible
	Symo Hybrid 5.0-3-S		5	3	21 July 2015	NTR	X	-	13/93193	Password protected limitation possible
	Symo 3.0-3-S		3	3	8 October 2013	NTR	X	-	13/93193	Password protected limitation possible
	Symo 3.0-3-M		3	3	26 February 2014	NTR	X	-	13/93193	Password protected limitation possible
	Symo 3.7-3-S		3.7	3	8 October 2013	NTR	X	-	13/93193	Password protected limitation possible
	Symo 3.7-3-M		3.7	3	26 February 2014	NTR	X	-	13/93193	Password protected limitation possible
	Symo 4.5-3-S		4.5	3	8 October 2013	NTR	X	-	13/93193	Password protected limitation possible
	Symo 4.5-3-M		4.5	3	26 February 2014	NTR	X	-	13/93193	Password protected limitation possible
	Symo 5.0-3-M		5	3	26 February 2014	NTR	X	-	13/93193	Password protected limitation possible
	Symo 6.0-3-M		6	3	26 February 2014	NTR	X	-	13/93193	Password protected limitation possible
	Symo 7.0-3-M		7	3	26 February 2014	NTR	X	-	13/93193	Password protected limitation possible
	Symo 8.2-3-M		8.2	3	26 February 2014	NTR	X	-	13/93193	Password protected limitation possible
	Symo 10.0-3-M		10	3	23 November 2015	NTR	X	-	13/93193	Password protected limitation possible
	Symo 12.5-3-M		12.5	3	23 November 2015	NTR	-	X	13/93193	Password protected limitation possible
	Symo 15.0-3-M		15	3	23 November 2015	NTR	-	X	13/93193	Password protected limitation possible
	Symo 17.5-3-M		17.5	3	23 November 2015	NTR	-	X	13/93193	Password protected limitation possible
	Symo 20.0-3-M		20	3	23 November 2015	NTR	-	X	13/93193	Password protected limitation possible

	ECO 25.0-3-S		25	3	21 July 2015	NTR	-	X	13/93193	Password protected limitation possible
	ECO 27.0-3-S		27	3	21 July 2015	NTR	-	X	13/93193	Password protected limitation possible
<b>Guangzhou Sanjing Electric CO., LTD (SAJ)</b>	SunTrio-TL12K		12	3	15 January 2013	NTR	-	X	13/79900	
	SunTrio-TL15K		15	3	15 January 2013	NTR	-	X	13/79900	
	SunTrio-TL17K		17	3	15 January 2013	NTR	-	X	13/79900	
	SunTrio-TL20K		20	3	15 January 2013	NTR	-	X	13/79900	
<b>Huawei Technologies</b>	SUN2000-8KTL		8	3	28 August 2014	NTR	X	-	14/21887	
	SUN2000-10KTL		10	3	28 August 2014	NTR	X	-	14/21887	
	SUN2000-12KTL		12	3	28 August 2014	NTR	-	X	14/21887	
	SUN2000-15KTL		15	3	28 August 2014	NTR	-	X	14/21887	
	SUN2000-17KTL		17	3	28 August 2014	NTR	-	X	14/21887	
	SUN2000-20KTL		20	3	28 August 2014	NTR	-	X	14/21887	
	SUN2000-33KTL		33	3	1 October 2015	NTR	-	X	14/21887	
	SUN2000-36KTL		36	3	7. oktober 2016	NTR	-	X	DE/Huawei 36	
<b>Imeon Energy</b>	Imeon 3.6		3.6	1	31 August 2014	NTR	X	-	14/20853	
	Imeon 9.12		9	3	9 June 2016	NTR	X	-	14/20853	Hybrid inverter
<b>Jiangsu Goodwe Power Supply Technology Co Ltd</b>	GW1000-NS		1	1	20 July 2015	NTR	X	-	13/93247	
	GW1500-NS		1.5	1	20 July 2015	NTR	X	-	13/93247	
	GW2000-NS		2	1	20 July 2015	NTR	X	-	13/93247	
	GW2500-NS		2.5	1	20 July 2015	NTR	X	-	13/93247	
	GW3000-NS		3	1	20 July 2015	NTR	X	-	13/93247	
	GW3648D-ES		3.6	1	27 January 2014	NTR	X	-	13/93247	
	GW3648S-ES		3.6	1	27 January 2014	NTR	X	-	13/93247	
	GW4000-DT		4	3	9 January 2014	NTR	X	-	13/93247	
	GW4000L-DT		4	3	9 January 2014	NTR	X	-	13/93247	
	GW5000-DT		5	3	9 January 2014	NTR	X	-	13/93247	
	GW5000L-DT		5	3	9 January 2014	NTR	X	-	13/93247	
	GW6000-DT		6	3	9 January 2014	NTR	X	-	13/93247	
	GW6000L-DT		6	3	9 January 2014	NTR	X	-	13/93247	
	GW20K-DT		20	3	17 January 2014	NTR	-	X	13/93247	
<b>Jiangsu Zeversolar New Energy Co., L</b>	Eversol TL1500-20		1.5	1	24 April 2014	NTR	X	-	14/17857	
	Eversol TL2000-20		2	1	24 April 2014	NTR	X	-	14/17857	
	Eversol TL2500-20		2.5	1	24 April 2014	NTR	X	-	14/17857	
	Eversol TL3000-20		3	1	24 April 2014	NTR	X	-	14/17857	
	Eversol TLC10K		10	3	23 July 2012	NTR	X	-	12/583	If limited to max 6 kW it is done in the configuration firmware
	Eversol TLC15K		15	3	27 May 2016	NTR	-	X	14/17857	
	Eversol TLC17K		17	3	27 May 2016	NTR	-	X	14/17857	
	Eversol TLC20K		20	3	27 May 2016	NTR	-	X	14/17857	
	Evershine TL3000		3	1	26 March 2013	NTR	X	-	3/93316	
	Evershine TL5000-10		5	1	27 March 2016	NTR	X	-	14/17857	Max. current has to be limited to 16A/phase by the retailer or installer for use ind Denmark
	Evershine TLC4000		4	3	24 April 2014	NTR	X	-	14/17857	
	Evershine TLC5000		5	3	24 April 2014	NTR	X	-	14/17857	
	Evershine TLC6000		6	3	24 April 2014	NTR	X	-	14/17857	
	Evershine TLC8000		8	3	30 November 2015	NTR	X	-	14/17857	
	Evershine TLC10000		10	3	30 November 2015	NTR	X	-	14/17857	
	Volta VL3000		3	1	10 July 2012	NTR	X	-	14/17857	
	Zeverlution 1000S		1	1	5 January 2016	NTR	X	-	14/17857	
	Zeverlution 1500S		1.5	1	5 January 2016	NTR	X	-	14/17857	
	Zeverlution 2000S		2	1	5 January 2016	NTR	X	-	14/17857	
	Zeverlution 3000S		3	1	5 January 2016	NTR	X	-	14/17857	
<b>Kaco</b>	Blueplanet 3.0 TL1		3	1	29 September 2015	NTR	X	-	13/80328	
	Blueplanet 3.5 TL1		3.5	1	29 September 2015	NTR	X	-	13/80328	
	Blueplanet 3.7 TL1		3.7	1	29 September 2015	NTR	X	-	13/80328	
	Blueplanet 5.0 TL3		5	3	29 September 2015	NTR	X	-	13/80328	
	Blueplanet 6.5 TL3		6.5	3	29 September 2015	NTR	X	-	13/80328	

	Blueplanet 7.5 TL3		7.5	3	29 September 2015	NTR	X	-	13/80328	
	Blueplanet 9.0 TL3		9	3	29 September 2015	NTR	X	-	13/80328	
	Powador 30.0 TL3		25.8	3	27 march 2013	NTR	-	X	13/80328	
	Powador 33.0 TL3		28.3	3	27 march 2013	NTR	-	X	13/80328	
	Powador 36.0 TL3		30.9	3	27 march 2013	NTR	-	X	13/80328	
	Powador 39.0 TL3		34.4	3	27 march 2013	NTR	-	X	13/80328	
	Powador 40.0 TL3		37.1	3	27 march 2013	NTR	-	X	13/80328	
	Powador 60.0 TL3		50	3	14 June 2013	NTR	-	X	13/80328	
	Powador 12.0 TL3-INT		10	3	16 June 2014	NTR	X	-	13/80328	
	Powador 14.0 TL3-INT		12.5	3	16 June 2014	NTR	-	X	13/80328	
	Powador 18.0 TL3-INT		15	3	16 June 2014	NTR	-	X	13/80328	
	Powador 20.0 TL3-INT		17	3	16 June 2014	NTR	-	X	13/80328	
<b>Kostal</b>	PIKO 3.0 (from FW 5.00)		3	1	5 May 2015	NTR	X	-	13/92264	
	PIKO 4.2 (from FW 5.00)		4.2	3	5 May 2015	NTR	X	-	13/92264	
	PIKO 4.6 (from FW 5.00)		4.6	3	30 September 2015	NTR	X	-	13/92264	
	PIKO 5.5 (from FW 5.00)		5.5	3	5 May 2015	NTR	X	-	13/92264	
	PIKO 7.0 (from FW 5.00)		7	3	5 May 2015	NTR	X	-	13/92264	
	PIKO 8.5 (from FW 5.00)		8.5	3	5 May 2015	NTR	X	-	13/92264	Password protected limitation possible
	PIKO 10 (from FW 5.00)		10	3	5 May 2015	NTR	X	-	13/92264	
	PIKO 12		12	3	5 May 2015	NTR	-	X	13/92264	
	PIKO 15		15	3	15 December 2014	NTR	-	X	13/92264	Password protected limitation possible
	PIKO 17		17	3	15 December 2014	NTR	-	X	13/92264	Password protected limitation possible
	PIKO 20		20	3	15 December 2014	NTR	-	X	13/92264	Password protected limitation possible
	PIKO 6.0 BA		6.0	3	11 January 2016	NTR	X	-	13/92264	Hybrid inverter
	PIKO 8.0 BA		8.0	3	11 January 2016	NTR	X	-	13/92264	Hybrid inverter
	PIKO 10 BA		10.0	3	11 January 2016	NTR	X	-	13/92264	Hybrid inverter
<b>Mastervolt International B.V.</b>	Soladin 1000 WEB		1	1	23 September 2013	NTR	X	-	13/92935	Password protected limitation possible
	Soladin 1500 WEB		1.5	1	23 September 2013	NTR	X	-	13/92935	Password protected limitation possible
	Soladin 2200 WEB		2.2	1	8 June 2016	NTR	X	-	13/92935	Password protected limitation possible
	Soladin 3000 WEB		3	1	8 June 2016	NTR	X	-	13/92935	Password protected limitation possible
<b>MPP Solar Inc</b>	MPI 3K HYBRID		3	1	13 May 2016	NTR	X	-	16/06794	Hybrid inverter
	MPI 10K HYBRID		10	3	13 May 2016	NTR	X	-	16/06794	Hybrid inverter
<b>Ningbo Ginlong Technologies Co, Ltd</b>	GCI-1K-2G-H		1	1	25 April 2014	NTR	X	-	13/93747	
	GCI-2K-2G-H		2	1	25 April 2014	NTR	X	-	13/93747	
	GCI-3K-2G-H		3	1	25 April 2014	NTR	X	-	13/93747	
	GCI-3.6K-2G-H		3.6	1	25 April 2014	NTR	X	-	13/93747	
	Solis-1K-2G		1	1	15 May 2014	NTR	X	-	13/93747	
	Solis-1.5K-2G		1.5	1	15 May 2014	NTR	X	-	13/93747	
	Solis-2K-2G		2	1	15 May 2014	NTR	X	-	13/93747	
	Solis-2.5K-2G		2.5	1	15 May 2014	NTR	X	-	13/93747	
	Solis-3K-2G		3	1	15 May 2014	NTR	X	-	13/93747	
	Solis-3.6K-2G		3.6	1	15 May 2014	NTR	X	-	13/93747	
	Solis-6K		6	3	15 May 2014	NTR	X	-	13/93747	
	Solis-10K		10	3	15 May 2014	NTR	X	-	13/93747	
	Solis-15K		15	3	15 May 2014	NTR	-	X	13/93747	
<b>Northern Electric &amp; Power Co. Ltd</b>	BDM-250-EU		0.22	1	28 January 2013	NTR	X	-	13/80070	If total plant over 16A / phase central protection unit is needed
	BDM-250-AU		0.22	1	28 January 2013	NTR	X	-	13/80070	If total plant over 16A / phase central protection unit is needed
<b>Omron Electronics AB</b>	KP100L-OD-EU		10	3	2 March 2012	NTR	X	-	11/1703	Limited to 6kWp by factory setting for DK by request
<b>OPTI International Corp.</b>	SP 3000 Premium		3	1	7 August 2013	NTR	X	-	13/2156	
	SP 3000 Premium Plus		3	1	7 August 2013	NTR	X	-	13/2156	
	SP 10000 Premium		10	3	25 May 2016	NTR	X	-	13/2156	Hybrid inverter
<b>Q3 Energieelectronic GmbH</b>	QX3000		2.5	1	26 July 2012	NTR	X	-	12/1219	
	QX4200-DK		3.68	1	26 July 2012	NTR	X	-	12/1219	
<b>Samil Power Co., Ltd</b>	SolarRiver 3400TL-D		3	1	25 June 2012	NTR	X	-	12/1090	

	SolarLake 5500TL-PM		5,5	3	10. februar2015	NTR	X	-	15/03299	
	SolarLake7000TL-PM		7	3	10. februar2015	NTR	X	-	15/03299	
	SolarLake 8500TL-PM		8,5	3	10. februar2015	NTR	X	-	15/03299	
	SolarLake 10000TL-PM		10	3	10. februar2015	NTR	X	-	15/03299	Password protected limitation possible
	SolarLake 10000TL		10	3	17 July 2012	NTR	X	-	12/87	Password protected limitation possible
	SolarLake 12000TL		12	3	17 July 2012	NTR	-	X	12/87	Password protected limitation possible
	SolarLake 15000TL		15	3	17 July 2012	NTR	-	X	12/87	Password protected limitation possible
	SolarLake 17000TL		17	3	17 July 2012	NTR	-	X	12/87	Password protected limitation possible
<b>Schneider Electric</b>	Conext TL8000E		8	3	14 November 2013	NTR	X	-	13/93345	
	Conext TL10000E		10	3	14 November 2013	NTR	X	-	13/93345	
	Conext CL 20000 E		20	3	25 January 2016	NTR	-	X	13/93345	
	Conext CL 25000 E		25	3	25 January 2016	NTR	-	X	13/93345	
<b>SMA Solar Technology AG</b>	SB1.5-1VL-40		1,5	1	20 July 2015	NTR	X	-	13/91491	
	SB2.5-1VL-40		2,5	1	20 July 2015	NTR	X	-	13/91491	
	SB240-10 (Multigate-10)		0.23	1	27 February 2014	NTR	X	-	13/91491	Installation must include Multigate-10 for every 12 SB240-10
	SB 3000TL-21		3	1	20 February 2012	NTR	X	-	13/91491	Password protected limitation possible
	SB 3600SE-10		3,6	1	8 May 2015	NTR	X	-	13/91491	
	SB 5000SE-10		4,6	1	8 May 2015	NTR	-	X	13/91491	Max. current has to be limited to 16A/phase by the retailer or installer according to the SMA installation manual for Denmark
	SB 3600TL-21		3,68	1	24 July 2012	NTR	X	-	13/91491	Password protected limitation possible
	SB 4000TL-21		3,68	1	21 August 2012	NTR	X	-	13/91491	Password protected limitation possible
	STP 5000TL-20		5	3	13 August 2012	NTR	X	-	13/91491	Password protected limitation possible
	STP 6000TL-20		6	3	13 August 2012	NTR	X	-	13/91491	Password protected limitation possible
	STP 7000TL-20		7	3	13 August 2012	NTR	X	-	13/91491	Password protected limitation possible
	STP 8000TL-20		8	3	13 August 2012	NTR	X	-	13/91491	Password protected limitation possible
	STP 9000TL-20		9	3	13 August 2012	NTR	X	-	13/91491	Password protected limitation possible
	STP 10000TL-20		10	3	8 May 2014	NTR	X	-	13/91491	Password protected limitation possible
	STP 12000TL-20		12	3	11 August 2014	NTR	-	X	13/91491	Password protected limitation possible
	STP 15000TL-10		15	3	24 February 2012	NTR	-	X	13/91491	Password protected limitation possible
	STP 20000TL-30		20	3	15 December 2014	NTR	-	X	13/91491	Password protected limitation possible
	STP 25000TL-30		25	3	15 December 2014	NTR	-	X	13/91491	Password protected limitation possible
	SI 3.0 M-11		3	1	6 October 2014	NTR	X	-	13/91491	
	SI 4.4 M-11		4,4	1	6 October 2014	NTR	X	-	13/91491	Max. current has to be limited to 16A/phase by the retailer or installer according to the SMA installation manual for Denmark
	SI 6.0 H-11		6	1	15 August 2013	NTR	X	-	13/91491	Max. current has to be limited to 16A/phase by the retailer or installer according to the SMA installation manual for Denmark
	SI 8.0H-11		6	1	27 February 2014	NTR	X	-	13/91491	Max. current has to be limited to 16A/phase by the retailer or installer according to the SMA installation manual for Denmark
<b>SolarEdge Technologies</b>	SE2200		2,2	1	11 October 2012	NTR	X	-	10/6879	Password protected limitation possible
	SE2200H		2,2	1	18 January 2017	NTR	X	-	s2017-100	
	SE3000		3	1	23 January 2012	NTR	X	-	10/6879	Password protected limitation possible
	SE3000H		3	1	18 January 2017	NTR	X	-	s2017-100	
	SE3500		3,5	1	23 January 2012	NTR	X	-	10/6879	Password protected limitation possible
	SE3500H		3,5	1	18 January 2017	NTR	X	-	s2017-100	
	SE3680H		3,68	1	18 January 2017	NTR	X	-	s2017-100	
	SE4000-16A limited		3,68	1	23 January 2012	NTR	X	-	10/6879	Password protected limitation possible
	SE5k		5	3	9 June 2016	NTR	X	-	10/6879	Password protected limitation possible
	SE7k		7	3	23 January 2012	NTR	X	-	10/6879	Password protected limitation possible
	SE8k		8	3	23 January 2012	NTR	X	-	10/6879	Password protected limitation possible
	SE9k		9	3	23 January 2012	NTR	X	-	10/6879	Password protected limitation possible
	SE10k		10	3	23 January 2012	NTR	X	-	10/6879	Password protected limitation possible
	SE12.5k		12,5	3	23 January 2012	NTR	-	X	10/6879	Password protected limitation possible
	SE15K		15	3	11 October 2012	NTR	-	X	10/6879	Password protected limitation possible
	SE16K		16	3	11 October 2012	NTR	-	X	10/6879	Password protected limitation possible
	SE17K		17	3	11 October 2012	NTR	-	X	10/6879	Password protected limitation possible
<b>Solar Frontier</b>	SF-WR-3000		3	1	18 August 2014	NTR	X	-	14/21694	
	SF-WR-3600		3,6	1	18 August 2014	NTR	X	-	14/21694	
	SF-WR-3600x		3,6	1	18 August 2014	NTR	X	-	14/21694	
	SF-WR-3203		3,2	3	18 August 2014	NTR	X	-	14/21694	

	SF-WR-3203x		3.2	3	18 August 2014	NTR	X	-	14/21694	
	SF-WR-4003		4	3	18 August 2014	NTR	X	-	14/21694	
	SF-WR-4003x		4	3	18 August 2014	NTR	X	-	14/21694	
	SF-WR-4803		4.8	3	18 August 2014	NTR	X	-	14/21694	
	SF-WR-5503		5.5	3	18 August 2014	NTR	X	-	14/21694	
	SF-WR-5503x		5.5	3	18 August 2014	NTR	X	-	14/21694	
	Turbo 3P1		4	3	1 October 2015	NTR	X	-	14/21694	
	Turbo 3P2		6.2	3	1 October 2015	NTR	X	-	14/21694	
<b>SolarWorld</b>	Sunplug eco 1.2 TL1		1.2	1	29 September 2015	NTR	X	-	15/12990	
	Sunplug eco 2.0 TL1		2	1	29 September 2015	NTR	X	-	15/12990	
	Sunplug eco 3.0 TL1		3	1	29 September 2015	NTR	X	-	15/12990	
	Sunplug eco 3.6 TL1		3.6	1	29 September 2015	NTR	X	-	15/12990	
	Sunplug eco 3.2 TL3		3.2	3	29 September 2015	NTR	X	-	15/12990	
	Sunplug eco 4.4 TL3		4.6	3	29 September 2015	NTR	X	-	15/12990	
	Sunplug eco 5.5 TL3		5.5	3	29 September 2015	NTR	X	-	15/12990	
<b>SolarMax</b>	SolarMax 2000P		2	1	11 October 2013	NTR	X	-	13/93564	
	SolarMax 3000P		3	1	11 October 2013	NTR	X	-	13/93564	
	SolarMax 4000P		4	1	11 October 2013	NTR	X	-	13/93564	Limitation to 16A made by factory for DK use
	SolarMax 6MT2		6	3	26 February 2014	NTR	X	-	13/93564	
	SolarMax 8MT2		8	3	27 February 2013	NTR	X	-	13/93564	
	SolarMax 10MT2		10	3	27 February 2013	NTR	X	-	13/93564	
	SolarMax 13MT2		13	3	27 February 2013	NTR	-	X	13/93564	
	SolarMax 13MT3		13	3	27 February 2013	NTR	-	X	13/93564	
	SolarMax 15MT2		15	3	27 February 2013	NTR	-	X	13/93564	
	SolarMax 15MT3		15	3	27 February 2013	NTR	-	X	13/93564	
	SolarMax 30HT4		30	3	11 June 2014	NTR	-	X	13/93564	
	SolarMax 32HT2		32	3	11 August 2014	NTR	-	X	13/93564	
	SolarMax 32HT4		32	3	11 August 2014	NTR	-	X	13/93564	
<b>Solax Power Co., Ltd</b>	X1-1.1-S-D / X1-1.1-S-N		1.1	1	21 July 2017	NTR	X	-	s2017-566	
	X1-1.5-S-D / X1-1.5-S-N		1.5	1	21 July 2017	NTR	X	-	s2017-566	
	X1-2.0-S-D / X1-2.0-S-N		2	1	21 July 2017	NTR	X	-	s2017-566	
	X1-2.5-S-D / X1-2.5-S-N		2.5	1	21 July 2017	NTR	X	-	s2017-566	
	X1-3.0-S-D / X1-3.0-S-N		3	1	21 July 2017	NTR	X	-	s2017-566	
	X1-3.3-S-D / X1-3.3-S-N		3.3	1	21 July 2017	NTR	X	-	s2017-566	
	X1-3.0-T-D / X1-3.0-T-N		3	1	9 August 2017	NTR	X	-	s2017-588	
	X1-3.3-T-D / X1-3.3-T-N		3.3	1	9 August 2017	NTR	X	-	s2017-588	
	X1-3.6-T-D / X1-3.6-T-N		3.68	1	9 August 2017	NTR	X	-	s2017-588	
	SK-SU3000		3	1	19 March 2014	NTR	X	-	14/15152	
	SK-SU3700		3.68	1	19 March 2014	NTR	X	-	14/15152	
	SK-TL3000		3	1	19 March 2014	NTR	X	-	14/15152	
	SK-TL3700		3.68	1	19 March 2014	NTR	X	-	14/15152	
	ZDNY-TL10000		10	3	18 July 2017	NTR	X	-	s2017-562	
	ZDNY-TL12000		12	3	18 July 2017	NTR	-	X	s2017-563	
	ZDNY-TL15000		15	3	18 July 2017	NTR	-	X	s2017-563	
	ZDNY-TL17000		17	3	18 July 2017	NTR	-	X	s2017-563	
	ZDNY-TL20000		20	3	18 July 2017	NTR	-	X	s2017-563	
<b>Solutronic AG</b>	SolPlus 25		2.5	1	2 April 2012	NTR	X	-	10/7265	
	SolPlus 35-DK		3	1	2 April 2012	NTR	X	-	10/7265	Password protected limitation possible
	SolPlus 100-DK		10	3	6 March 2012	NTR	X	-	10/7265	Password protected limitation possible
	SolPlus 120		12	3	17 August 2012	NTR	-	X	10/7265	
<b>Steca Elektronik GmbH</b>	StecaGrid 1500(x)		1.5	1	30 September 2015	NTR	X	-	13/92470	
	StecaGrid 2000(x)		2	1	30 September 2015	NTR	X	-	13/92470	
	StecaGrid 2500(x)		2.5	1	30 September 2015	NTR	X	-	13/92470	
	StecaGrid 3010		3	1	21 February 2013	NTR	X	-	11/1705	
	StecaGrid 3010		3	1	21 February 2013	NTR	X	-	11/1705	Password protected limitation possible
	StecaGrid 3010x		3	1	30 September 2013	NTR	X	-	13/92470	
	StecaGrid 3600		3.6	1	9 February 2012	NTR	X	-	11/1705	
	StecaGrid 3600		3.6	1	25 October 2012	NTR	X	-	11/1705	Password protected limitation possible

	StecaGrid 3600x		3.6	1	30 September 2013	NTR	X	-	13/92470	
	StecaGrid 3203		3.2	3	22 April 2014	NTR	X	-	13/92470	
	StecaGrid 3203x		3.2	3	22 April 2014	NTR	X	-	13/92470	
	StecaGrid 4003		4	3	22 April 2014	NTR	X	-	13/92470	
	StecaGrid 4003x		4	3	22 April 2014	NTR	X	-	13/92470	
	StecaGrid 4803		4.8	3	22 April 2014	NTR	X	-	13/92470	
	StecaGrid 4803x		4.8	3	22 April 2014	NTR	X	-	13/92470	
	StecaGrid 5503		5.5	3	22 April 2014	NTR	X	-	13/92470	
	StecaGrid 5503x		5.5	3	22 April 2014	NTR	X	-	13/92470	
	StecaGrid 8000+		8	3	22 March 2012	NTR	X	-	11/1705	Password protected limitation possible
	StecaGrid 10000+		9.9	3	22 March 2012	NTR	X	-	11/1705	Password protected limitation possible
<b>Sungrow Power Supply Co Ltd</b>	SG3KTL-EC		3	3	24 April 2014	NTR	X	-	13/92945	
	SG4KTL-EC		4	3	28 April 2014	NTR	X	-	13/92945	
	SG5KTL-EC		5	3	28 April 2014	NTR	X	-	13/92945	
	SG6KTL-EC		6	3	28 April 2014	NTR	X	-	13/92945	
	SG8KTL-EC		8	3	24 April 2014	NTR	X	-	13/92945	
	SG10KTL-EC		10	3	24 April 2014	NTR	X	-	13/92945	
	SG12KTL-EC		12	3	24 April 2014	NTR	-	X	13/92945	
	SG15KTL		15	3	25 October 2012	NTR	-	X	12/1721	
	SG20KTL		20	3	25 October 2012	NTR	-	X	12/1721	
	SG30KTL-M		30	3	24 April 2014	NTR	-	X	13/92945	
	SG50KTL-M		50	3	20 October 2015	NTR	-	X	13/92945	Password protected limitation possible. The electrician is responsible for the limitation.
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<b>Sunto ApS</b>	Hybrid Energy 3.0		3	1	10, februar2015	NTR	X	-	15/03188	
	Hybrid Energy 10.0		10	3	10, februar2015	NTR	X	-	15/03188	Password protected limitation possible
<b>Tranergy Power Electronics</b>	PVI1800TL		1.5	1	28 June 2012	NTR	X	-	12/1087	
	PVI2300TL		2	1	28 June 2012	NTR	X	-	12/1087	
	PVI3200TL		2.8	1	28 June 2012	NTR	X	-	12/1087	
	PVI10KTL		10	3	13 September 2012	NTR	X	-	12/1087	
	PVI12KTL		12	3	13 September 2012	NTR	-	X	12/1087	
	PVI17KTL		17	3	13 September 2012	NTR	-	X	12/1087	
	SGN1300TL		1	1	28 December 2015	NTR	X	-	13/93661	
	SGN1800TL		1.5	1	28 December 2015	NTR	X	-	13/93661	
	SGN2300TL		2	1	28 December 2015	NTR	X	-	13/93661	
	SGN2700TL		2.5	1	28 December 2015	NTR	X	-	13/93661	
	SGN3000TL		2.8	1	28 December 2015	NTR	X	-	13/93661	
	SGN3400TL		3	1	28 December 2015	NTR	X	-	13/93661	
	SGN4000TL		3.7	1	28 December 2015	NTR	X	-	13/93661	Limitation to 16 A made by the supplier for DK use
	TRB4000TL		4	3	17 December 2015	NTR	X	-	13/93661	
	TRB5000TL		5	3	17 December 2015	NTR	X	-	13/93661	
	TRB6000TL		6	3	17 December 2015	NTR	X	-	13/93661	
	TRB8000TL		8	3	17 December 2015	NTR	X	-	13/93661	
	TRB9000TL		9	3	17 December 2015	NTR	X	-	13/93661	
<b>Ubiquiti</b>	SM-MI-250-EU		0.25	1	7 July 2016	NTR	X	-	ENDK	
<b>Viva Energi A/S</b>	HybridPower 2030		3	1	7 February 2014	NTR	X	-	13/92579	Hybrid inverter
	HybridPower 2100		10	3	15 December 2014	NTR	X	-	13/92579	Hybrid inverter
	HybridPower 2031		3	1	11 November 2015	NTR	X	-	13/92579	Hybrid inverter
	HybridPower 2050		5	3	10 February 2017	NTR	X	-	s2017-181	Hybrid inverter

<b>Standards</b>	
TF 3.2.1 / TR 3.2.1	Technical Regulation 3.2.1 for electricity-generation plants rated up to and including 11 kW
TF 3.2.2 / TR 3.2.2	Technical Regulation 3.2.2 for photovoltaic plants with a power output greater than 11 kW

*Note	The expiry date is when a new technical regulation is published or a when the PV-inverter is updated (new version or revision)
Note	NTR = Next Technical Revision (Future)