

Manufacturer	Nationality	Designation	Power AC	No. of phases	Current per phase	Factory settings	Approval	Expiry	TF 3.2.1	EN50438	VDE-AR-N-4105	Guideline for > 16A	CE-compliant	Internal reference	Comments
									[V]	[V]	[V]	[V]			
	[Country]	[type]	[kW]	[no.]	[A]		[date]	[date]							
ABB Oy Drives	Finland	PVS300-TL-3300W-2	3.3	1	14.3	Denmark	27 March 2012	NTR	✓	-	✓	✓	✓	10/7230	If limited to max 3 kW it is done from the factory
Aconversion GmbH	Germany	INV250-45EU (PLC) (RS485)	0.25	1	1.1	Denmark	7 August 2013	NTR	✓	✓	-	✓	✓	13/2158	
		INV350-60EU (PLC) (RS485)	0.33	1	1.4	Denmark	7 August 2013	NTR	✓	✓	-	✓	✓	13/2158	
		INV500-90EU (PLC) (RS485)	0.48	1	2.2	Denmark	7 August 2013	NTR	✓	✓	-	✓	✓	13/2158	
Alpinengineering GmbH	Germany	Alpinsun Peak 3000	3	1	16	Denmark	15 February 2012	NTR	✓	✓	-	✓	✓	11/1706	
		Alpinsun Peak 3600	3.6	1	16	Denmark	15 February 2012	NTR	✓	✓	-	✓	✓	11/1706	
Altenergy Power Systems Inc.	China	YC200-EU	0.22	1	1	Denmark	20 June 2012	NTR	✓	-	✓	-	✓	12/1062	Only in plant with central protection unit in front of it
		YC250A	0.25	1	1.08	Denmark	4 December 2012	NTR	✓	-	✓	-	✓	12/1062	Only in plant with central protection unit in front of it
		YC250I	0.25	1	1.08	Denmark	4 December 2012	NTR	✓	-	✓	-	✓	12/1062	Only in plant with central protection unit in front of it
		YC500A	0.5	1	2.17	Denmark	4 December 2012	NTR	✓	-	✓	-	✓	12/1062	Only in plant with central protection unit in front of it
		YC500I	0.5	1	2.17	Denmark	4 December 2012	NTR	✓	-	✓	-	✓	12/1062	Only in plant with central protection unit in front of it
Anhui EHE New Energy Tech Co Ltd	China	EHE-N1.5KTL	1.5	1	6.9	Denmark	3 October 2011	NTR	✓	-	✓	-	✓	11/1739	
		EHE-N2KTL	2	1	10	Denmark	3 October 2011	NTR	✓	-	✓	-	✓	11/1739	
		EHE-N2K5	2.5	1	11	Denmark	11 October 2011	NTR	✓	-	✓	-	✓	11/1739	
		EHE-N3KTL	3	1	15	Denmark	3 October 2011	NTR	✓	-	✓	-	✓	11/1739	
		EHE-N4KTL	3.68	1	16	Denmark	14 February 2012	NTR	✓	-	✓	-	✓	11/1879	Password protected limitation possible
		EHE-N5KTL	5	3	8	Denmark	30 August 2012	NTR	✓	-	✓	-	✓	11/1797	
		EHE-N6KTL	6	3	9	Denmark	30 August 2012	NTR	✓	-	✓	-	✓	11/1797	
		EHE-N10KTL	10	3	15.3	Denmark	26 February 2013	NTR	✓	-	✓	-	✓	11/1879	
		EHE-N12KTL	12	3	18.3	Denmark	26 February 2013	NTR	✓	-	✓	-	✓	11/1879	
		EHE-N15KTL	15	3	22.8	Denmark	26 February 2013	NTR	✓	-	✓	-	✓	11/1879	
		EHE-N17KTL	17	3	25.9	Denmark	26 February 2013	NTR	✓	-	✓	-	✓	11/1879	
		EHE-N20KTL	20	3	30.5	Denmark	26 February 2013	NTR	✓	-	✓	-	✓	11/1879	
Aros Solar Technology	Italy	SIRIO EVO 1500	1.5	1	6.5	Denmark	17 October 2012	NTR	✓	-	✓	-	✓	10/5724	
		SIRIO EVO 2000	2	1	8.7	Denmark	17 October 2012	NTR	✓	-	✓	-	✓	10/5724	
		SIRIO EVO 3000	3	1	13	Denmark	17 October 2012	NTR	✓	-	✓	-	✓	10/5724	
		SIRIO EVO 10000	10	3	17	Denmark	8 April 2013	NTR	✓	-	✓	-	✓	10/5724	
		SIRIO EVO 10000	10	3	16	Denmark	8 April 2013	NTR	✓	-	✓	-	✓	10/5724	Password protected limitation possible
		SIRIO EVO 12500	12.5	3	21	Denmark	8 April 2013	NTR	✓	-	✓	-	✓	10/5724	
		SOLIA 6000	6	3	8.7	Denmark	9 March 2012	NTR	✓	-	✓	-	✓	10/5724	
		SIRIO 10000P	10	3	14.5	Denmark	31 January 2012	NTR	✓	-	✓	-	✓	10/5724	
Astronergy		CHPI 2KTL	2	1	11	Denmark	29 October 2013	NTR	✓	-	✓	-	✓	13/9329	
		CHPI 3KTL	3	1	15	Denmark	29 October 2013	NTR	✓	-	✓	-	✓	13/9329	
		CHPI 10 KTL	10	3	16	Denmark	19 June 2013	NTR	✓	-	✓	-	✓	12/450	
		CHPI 20 KTL	20	3	32	Denmark	19 June 2013	NTR	✓	-	✓	-	✓	12/450	
Beijing Kinglong New Energy Technology Co.,Ltd	China	KLNE Sunteams 1500	1.5	1	6.5	Denmark	2 January 2012	NTR	✓	-	✓	-	✓	11/1714	
		KLNE Sunteams 2000	2	1	9	Denmark	2 January 2012	NTR	✓	-	✓	-	✓	11/1714	
		KLNE Sunteams 3000	3	1	14	Denmark	2 January 2012	NTR	✓	-	✓	-	✓	11/1714	
		KLNE Sunteams 10000	10	3	15	Denmark	24 April 2012	NTR	✓	-	✓	-	✓	11/1714	If limited to max 6 kW it is done from the factory
		KLNE Sunteams 12000	12	3	18	Denmark	24 April 2012	NTR	✓	-	✓	-	✓	11/1714	
		KLNE Sunteams 15000	15	3	22	Denmark	24 April 2012	NTR	✓	-	✓	-	✓	11/1714	
		Solartec 1500	1.5	1	9	Denmark	14 May 2012	NTR	✓	-	✓	-	✓	11/1714	
		Solartec 2000	2	1	12	Denmark	14 May 2012	NTR	✓	-	✓	-	✓	11/1714	
		Solartec 2500	2.5	1	16	Denmark	14 May 2012	NTR	✓	-	✓	-	✓	11/1714	
		Solartec 3000	3	1	16	Denmark	14 May 2012	NTR	✓	-	✓	-	✓	11/1714	
		Solartec 3600	3.6	1	16	Denmark	14 May 2012	NTR	✓	-	✓	-	✓	11/1714	
B&B Power Co Ltd	China	SF 1500TL	1.5	1	8.6	Denmark	24 August 2012	NTR	✓	-	✓	-	✓	12/1241	
		SF 2200TL	2.2	1	11	Denmark	24 August 2012	NTR	✓	-	✓	-	✓	12/1241	
		SF 3000TL	3	1	15	Denmark	24 August 2012	NTR	✓	-	✓	-	✓	12/1241	
		SF 3600TL	3.6	1	16	Denmark	19 June 2013	NTR	✓	-	✓	-	✓	12/1241	
		ST10000TL	10	3	16	Denmark	27 June 2013	NTR	✓	-	✓	-	✓	12/1241	Password protected limitation possible
		ST12000TL	12	3	19	Denmark	27 June 2013	NTR	✓	-	✓	-	✓	12/1241	
		ST15000TL	15	3	24	Denmark	27 June 2013	NTR	✓	-	✓	-	✓	12/1241	
		ST17000TL	17	3	25	Denmark	27 June 2013	NTR	✓	-	✓	-	✓	12/1241	
Bentimex	China	JSI-3000TL	3	1	13	Denmark	1 January 2011	NTR	✓	-	✓	-	✓	10/7186	
Boema	China	BNI 1.5	1.5	1	8.7	Denmark	27 September 2012	NTR	✓	-	✓	-	✓	12/1765	
		BNI 2.2	2.2	1	11	Denmark	27 September 2012	NTR	✓	-	✓	-	✓	12/1765	
		BNI 3.0	3	1	15	Denmark	27 September 2012	NTR	✓	-	✓	-	✓	12/1765	
Carlo Gavazzi	Italian	ISMG 1.45DE	3.8	1	14.3	Denmark	26 March 2012	NTR	✓	-	✓	-	✓	11/1238	
		ISMG 1.45DE-PL3	2.99	1	13	Denmark	30 May 2012	NTR	✓	-	✓	-	✓	11/1238	
Centrosolar AG	Germany	Powerstoc Excellent 3.0 DCS	3	1	13	Denmark	22 May 2012	NTR	✓	-	✓	-	✓	11/2270	
		Powerstoc Excellent 3.6 DCS	3.6	1	15.7	Denmark	22 May 2012	NTR	✓	-	✓	-	✓	11/2270	
		Powerstoc Excellent 4.2 DCS	4.2	3	6.1	Denmark	22 May 2012	NTR	✓	-	✓	-	✓	11/2270	
		Powerstoc Excellent 5.5 DCS	5.5	3	8	Denmark	22 May 2012	NTR	✓	-	✓	-	✓	11/2270	
		Powerstoc Excellent 7.0 DCS	7	3	10	Denmark	22 May 2012	NTR	✓	-	✓	-	✓	11/2270	By factory selection "DK" limited to 6kW
		Powerstoc Excellent 7.0 AD	7	3	10	Denmark	22 May 2012	NTR	✓	-	✓	-	✓	11/2270	By factory selection "DK" limited to 6kW
		Powerstoc Excellent 8.3 DCS	8.3	3	12	Denmark	22 May 2012	NTR	✓	-	✓	-	✓	11/2270	Password protected limitation possible
		Powerstoc Excellent 8.3 AD	8.3	3	12	Denmark	22 May 2012	NTR	✓	-	✓	-	✓	11/2270	Password protected limitation possible
		Powerstoc Excellent 10.1 DCS	10	3	14.6	Denmark	22 May 2012	NTR	✓	-	✓	-	✓	11/2270	Password protected limitation possible
		Powerstoc Excellent 10.1 AD	10	3	14.6	Denmark	22 May 2012	NTR	✓	-	✓	-	✓	11/2270	Password protected limitation possible
		Powerstoc Excellent 1200	1.6	1	7	Denmark	23 December 2011	NTR	✓	-	✓	-	✓	11/2270	
		Powerstoc Excellent 2000	1.6	1	7	Denmark	23 December 2011	NTR	✓	-	✓	-	✓	11/2270	
		Powerstoc Excellent 3000	2.8	1	12.1	Denmark	23 December 2011	NTR	✓	-	✓	-	✓	11/2270	
		Powerstoc Excellent 4000	3.3	1	14.3	Denmark	23 December 2011	NTR	✓	-	✓	-	✓	11/2270	
Danfoss Solar Inverters A/S	Denmark	ULX 1800	1.6	1	7	Denmark	23 December 2011	NTR	✓	-	✓	-	✓	10/4857	
		ULX 2000	2.8	1	12.1	Denmark	23 December 2011	NTR	✓	-	✓	-	✓	10/4857	
		ULX 3600	3.3	1	14.3	Denmark	23 December 2011	NTR	✓	-	✓	-	✓	10/4857	
		DLX 2.0	2	1	9	Denmark	7 August 2012	NTR	✓	-	✓	-	✓	12/792	
		DLX 2.9	2.9	1	13	Denmark	7 August 2012	NTR	✓	-	✓	-	✓	12/792	
		DLX 3.8	3.68	1	16	Denmark	7 August 2012	NTR	✓	-	✓	-	✓	12/792	
		DLX 4.6	3.68	1	16	Denmark	7 August 2012	NTR	✓	-	✓	-	✓	12/792	
		FLX 12.5	12.5	3	18	Denmark LV1/2/3	24 July 2013	NTR	✓	-	✓	-	✓	10/4857	
		FLX 12.5 Pro	12.5	3	18	Denmark LV1/2/3	24 July 2013	NTR	✓	-	✓	-	✓	10/4857	Password protected limitation possible
		FLX 15	15	3	22	Denmark LV1/2/3	24 July 2013	NTR	✓	-	✓	-	✓	10/4857	
		FLX 15 Pro	15	3	22	Denmark LV1/2/3	24 July 2013	NTR	✓	-	✓	-	✓	10/4857	
		FLX 17	17	3	25	Denmark LV1/2/3	24 July 2013	NTR	✓	-	✓	-	✓	10/4857	
		FLX 17 Pro	17	3	25	Denmark									

Manufacturer	Nationality	Designation	Power AC	No. of phases	Current per phase	Factory settings	Approval	Expiry	TF 3.2.1	EN50438	VDE-AR-N-4105	Guideline for > 16A	CE-compliant	Internal reference	Comments
	[Country]	[type]	[kW]	[no.]	[A]		[date]	[date]	[V]	[V]	[V]	[V]			
		TLX Pro+ 6k	6	3	9	Denmark EN50438	23 July 2012	NTR	√	√	-	√	√	10/4857	
		TLX Pro+ 8k	8	3	12	Denmark LV1/LV2	16 January 2012	NTR	√	√	-	√	√	10/4857	Password protected limitation possible
		TLX Pro+ 8k	8	3	12	Denmark EN50438	23 July 2012	NTR	√	√	-	√	√	10/4857	Password protected limitation possible
		TLX Pro+ 10k	10	3	15	Denmark LV1/LV2	16 January 2012	NTR	√	√	-	√	√	10/4857	Password protected limitation possible
		TLX Pro+ 10k	10	3	15	Denmark EN50438	23 July 2012	NTR	√	√	-	√	√	10/4857	Password protected limitation possible
		TLX Pro+ 12.5k	12.5	3	19	Denmark LV1/LV2	16 January 2012	NTR	√	√	-	√	√	10/4857	Password protected limitation possible
		TLX Pro+ 12.5k	12.5	3	19	Denmark EN50438	23 July 2012	NTR	√	√	-	√	√	10/4857	Password protected limitation possible
		TLX Pro+ 15k	15	3	22	Denmark LV1/LV2	16 January 2012	NTR	√	√	-	√	√	10/4857	Password protected limitation possible
		TLX Pro+ 15k	15	3	22	Denmark EN50438	23 July 2012	NTR	√	√	-	√	√	10/4857	Password protected limitation possible
DassTech	Korea	DSP-123K2	3	1	13	Denmark	06 March 2012	NTR	√	√	-	√	√	12/333	
Delta Energy Systems	Germany	SOLVIA 2.0 EU G4 TR	2.0	1	11	Denmark	26 November 2013	NTR	√	√	-	√	√	13/92893	
		SOLVIA 2.5 EU G4 TR	2.5	1	11.2	Denmark	2 January 2012	NTR	√	√	-	√	√	13/275	Password protected limitation possible
		SOLVIA 3.0 EU G4 TR	3	1	13.5	Denmark	2 January 2012	NTR	√	√	-	√	√	13/275	Password protected limitation possible
		SOLVIA 3.3 EU G4 TR	3.3	1	14.9	Denmark	2 January 2012	NTR	√	√	-	√	√	13/275	Password protected limitation possible
		SOLVIA 3.6 EU G4 TR	3.6	1	15.7	Denmark	3 August 2012	NTR	√	√	-	√	√	13/275	Password protected limitation possible
		SOLVIA 6.0 EU T4 TL	6	3	9.6	Denmark	26 November 2013	NTR	√	√	-	√	√	13/92893	
		SOLVIA 8.0 EU T4 TL	8	3	12.8	Denmark	26 November 2013	NTR	√	√	-	√	√	13/92893	
		SOLVIA 10 EU G4 TR	10	3	16	Denmark	22 April 2013	NTR	√	√	-	√	√	13/2438	
		SOLVIA 11 EU G4 TR	11	3	15.9	Denmark	20 February 2012	NTR	√	√	-	√	√	13/275	Password protected limitation possible
		SOLVIA 12 EU T4 TL	12	3	19.2	Denmark	26 November 2013	NTR	√	√	-	√	√	13/92893	
		SOLVIA 15 EU G4 TL	15	3	21.8	Denmark	20 February 2012	NTR	√	√	-	√	√	13/275	
		SOLVIA 20 EU G4 TL	20	3	28.9	Denmark	20 February 2012	NTR	√	√	-	√	√	13/275	
		SOLVIA 10 EU T4 TL	10	3	16	Denmark	22 April 2013	NTR	√	√	-	√	√	13/2438	
		SOLVIA 30 EU T4 TL	30	3	46	Denmark	22 April 2013	NTR	√	√	-	√	√	13/2438	
		SOL10.0-1TR3-E4	10	3	14.5	Denmark	22 April 2013	NTR	√	√	-	√	√	13/2438	
		SOL11.0-1TR3-E4	11	3	16	Denmark	22 April 2013	NTR	√	√	-	√	√	13/2438	
		3 X SOLVIA 5.0 EU G4 TR	15	3	22	Denmark	25 April 2013	NTR	√	√	-	√	√	13/2438	Only in combination of 3 inverters with internal communication
Diehl AKO changed name to Platinum GmbH															
E3/DC GmbH	Germany	E5	5	3	10	Denmark	31 July 2013	NTR	√	√	-	√	√	13/2101	
		E8	8	3	15	Denmark	31 July 2013	NTR	√	√	-	√	√	13/2101	
		E12	12.3	3	20	Denmark	31 July 2013	NTR	√	√	-	√	√	13/2101	
EasyBipV Aps	Denmark	SL-TL1500	1.5	1	7.5	Denmark	25 October 2012	NTR	√	√	-	√	√	13/2273	
		SL-TL1500S	1.5	1	7.5	Denmark	25 October 2012	NTR	√	√	-	√	√	13/2273	
		SN-TL1500	1.5	1	7.5	Denmark	25 October 2012	NTR	√	√	-	√	√	13/2273	
		SL-TL2200	2.2	1	10	Denmark	25 October 2012	NTR	√	√	-	√	√	13/2273	
		SL-TL2200S	2.2	1	10	Denmark	25 October 2012	NTR	√	√	-	√	√	13/2273	
		SN-TL2200	2.2	1	10	Denmark	25 October 2012	NTR	√	√	-	√	√	13/2273	
		SL-TL2800	2.8	1	13	Denmark	25 October 2012	NTR	√	√	-	√	√	13/2273	
		SL-TL2800S	2.8	1	13	Denmark	25 October 2012	NTR	√	√	-	√	√	13/2273	
		SN-TL2800	2.8	1	13	Denmark	25 October 2012	NTR	√	√	-	√	√	13/2273	
		SL-TL3000	3	1	13.2	Denmark	25 October 2012	NTR	√	√	-	√	√	13/2273	
		SL-TL3000S	3	1	13.2	Denmark	25 October 2012	NTR	√	√	-	√	√	13/2273	
		SL-TL3300T	3	1	15	Denmark	25 October 2012	NTR	√	√	-	√	√	13/2273	
		SL-TL3300TS	3	1	15	Denmark	25 October 2012	NTR	√	√	-	√	√	13/2273	
		SL-TL3600T	3.68	1	16	Denmark	25 October 2012	NTR	√	√	-	√	√	13/2273	
		SL-TL3600TS	3.68	1	16	Denmark	25 October 2012	NTR	√	√	-	√	√	13/2273	
		SL-TL10000	10	3	14.5	Denmark	28 February 2013	NTR	√	√	-	√	√	13/2273	
		SL-TL12000	12	3	17.4	Denmark	28 February 2013	NTR	√	√	-	√	√	13/2273	
		SL-TL15000	15	3	21.7	Denmark	28 February 2013	NTR	√	√	-	√	√	13/2273	
		SL-TL17000	17	3	24.6	Denmark	28 February 2013	NTR	√	√	-	√	√	13/2273	
Effekta Regeltechnik GmbH	Germany	ES 2200	2	1	8.7	Denmark	28 March 2012	NTR	√	√	-	√	√	12/634	
		ES 3300	3	1	13	Denmark	28 March 2012	NTR	√	√	-	√	√	12/634	
		ES 5000-2K	5	1	8.7	Denmark	17 April 2012	NTR	√	√	-	√	√	12/634	Password protected limitation possible
		ES 5000-3K	5	1	13	Denmark	17 April 2012	NTR	√	√	-	√	√	12/634	Password protected limitation possible
Etek Renewable	Norve	Thelia 2.0HE-t	2	1	9	Denmark	01 May 2012	NTR	√	√	-	√	√	12/792	
		Thelia 2.9HE-t	2.9	1	13	Denmark	01 May 2012	NTR	√	√	-	√	√	12/792	
		Thelia 3.8HE-t	3.68	1	16	Denmark	07 May 2012	NTR	√	√	-	√	√	12/792	
		Thelia 4.4HE-t	3.68	1	16	Denmark	07 May 2012	NTR	√	√	-	√	√	12/792	
Enecsys	England	SMI-D480W-60	0.45	1	1	Denmark	20 March 2012	NTR	√	√	-	√	√	13/204	Only in plant with central protection unit in front of it
		SMI-S240W-60	0.225	1	0.98	Denmark	12 July 2012	NTR	√	√	-	√	√	13/191	Only in plant with central protection unit in front of it
		SMI-D240W-72	0.25	1	1	Denmark	27 February 2013	NTR	√	√	-	√	√	13/191	Only in plant with central protection unit in front of it
		SMI-D360W-72	0.35	1	1.6	Denmark	27 February 2013	NTR	√	√	-	√	√	13/191	Only in plant with central protection unit in front of it
		SMI-S360W-72	0.36	1	1.6	Denmark	6 September 2012	NTR	√	√	-	√	√	13/204	Only in plant with central protection unit in front of it
Enphase Energy UK Ltd	England	M215-60-230-S2X	0.215	1	0.94	Denmark	4 September 2012	NTR	√	√	-	√	√	12/1467	
Eversol	China	EVERSOL TL1500	1.5	1	8.8	Denmark	22 March 2012	NTR	√	√	-	√	√	12/583	
		EVERSOL TL2000	2	1	11.8	Denmark	22 March 2012	NTR	√	√	-	√	√	12/583	
		EVERSHINE TL3000	3	1	15	Denmark	26 March 2012	NTR	√	√	-	√	√	12/583	
		EVERSOL TL10K	10	3	16	Denmark	23 July 2012	NTR	√	√	-	√	√	12/583	If limited to max 6 kW it is done in the configuration firmware
		EVERSOL TL12K	12	3	19.2	Denmark	23 April 2012	NTR	√	√	-	√	√	12/583	
		EVERSOL TL15K	15	3	24	Denmark	23 April 2012	NTR	√	√	-	√	√	12/583	
		EVERSOL TL17K	17	3	25.8	Denmark	23 April 2012	NTR	√	√	-	√	√	12/583	
Fimer	China	Fimer C20	1.5	1	6.5	Denmark	19 October 2012	NTR	√	√	-	√	√	12/1879	
		Fimer C25	2	1	9	Denmark	19 October 2012	NTR	√	√	-	√	√	12/1879	
		Fimer C30	3	1	14	Denmark	19 October 2012	NTR	√	√	-	√	√	12/1879	
Fronius	Austria	IG TL 3.0	3	1	13	Denmark	10 January 2012	NTR	√	√	-	√	√	12/381	
		IG TL 3.6	3.6	1	16	Denmark	10 January 2012	NTR	√	√	-	√	√	12/381	
		IG Plus 25V-1	2.6	1	11.3	Denmark	4 January 2012	NTR	√	√	-	√	√	12/88	
		IG Plus 30V-1	3	1	13	Denmark	4 January 2012	NTR	√	√	-	√	√	12/88	
		IG Plus 35V-1	3.5	1	15.2	Denmark	4 January 2012	NTR	√	√	-	√	√	12/88	
		IG Plus 55V-2	5	2	10.9	Denmark	16 February 2013	NTR	√	√	-	√	√	13/9193-66	
		IG Plus 60V-2	6	2	13	Denmark	16 March 2012	NTR	√	√	-	√	√	12/88	
		IG Plus 70V-2	6.5	2	13	Denmark	30 March 2012	NTR	√	√	-	√	√	12/88	Password protected limitation possible
		IG Plus 55V-3	5	3	7.3	Denmark	19 July 2012	NTR	√	√	-	√	√	12/381	
		IG Plus 60V-3	6	3	8.7	Denmark	19 July 2012	NTR	√	√	-	√	√	12/381	
		IG Plus 80V-3	7	3	10.2	Denmark	19 July 2012	NTR	√	√	-	√	√	12/381	
		IG Plus 100V-3	8	3	11.6	Denmark	4 January 2012	NTR	√	√	-	√	√	12/88	Password protected limitation possible
		IG Plus 120V-3	10	3	14.5	Denmark	4 January 2012								

Manufacturer	Nationality	Designation	Power AC	No. of phases	Current per phase	Factory settings	Approval	Expiry	TF 3.2.1	EN50438	VDE-AR-N-4105	Guideline for > 16A	CE-compliant	Internal reference	Comments
		Sununo-TL3KB	3	1	15	Denmark	28 June 2012	NTR	✓	✓	✓	✓	✓	11/2373	
		Sunrio-TL6K	6	3	8.7	Denmark	19 June 2013	NTR	✓	✓	✓	✓	✓	11/2373	
		Sunrio-TL8K	8	3	11.6	Denmark	19 June 2013	NTR	✓	✓	✓	✓	✓	11/2373	
		Sunrio-TL10K	10	3	14.5	Denmark	19 June 2013	NTR	✓	✓	✓	✓	✓	11/2373	
		Sunrio-TL12K	12	3	17.4	Denmark	15 January 2013	NTR	✓	✓	✓	✓	✓	11/2373	
		Sunrio-TL15K	15	3	21.7	Denmark	15 January 2013	NTR	✓	✓	✓	✓	✓	11/2373	
		Sunrio-TL17K	17	3	24.6	Denmark	15 January 2013	NTR	✓	✓	✓	✓	✓	11/2373	
		Sunrio-TL20K	20	3	29	Denmark	15 January 2013	NTR	✓	✓	✓	✓	✓	11/2373	
IBC Solar AG	Germany	IBC Servermaster 1650	1.6	1	7	Denmark	16 April 2012	NTR	✓	✓	✓	✓	✓	12/590	
		IBC ServerMaster 2750	2.8	1	12.1	Denmark	16 April 2012	NTR	✓	✓	✓	✓	✓	12/590	
		IBC ServerMaster 3300	3.3	1	14.3	Denmark	16 April 2012	NTR	✓	✓	✓	✓	✓	12/590	
		IBC Servermaster 6000TL +	6	3	9	Denmark	09 March 2012	NTR	✓	✓	✓	✓	✓	12/590	
		IBC Servermaster 6000TL Pro +	6	3	9	Denmark	09 March 2012	NTR	✓	✓	✓	✓	✓	12/590	Password protected limitation possible
		IBC Servermaster 8000TL +	8	3	12	Denmark	09 March 2012	NTR	✓	✓	✓	✓	✓	12/590	Password protected limitation possible
		IBC Servermaster 8000TL Pro +	8	3	12	Denmark	09 March 2012	NTR	✓	✓	✓	✓	✓	12/590	Password protected limitation possible
		IBC Servermaster 10000TL	10	3	15	Denmark	09 March 2012	NTR	✓	✓	✓	✓	✓	12/590	Password protected limitation possible
		IBC Servermaster 10000TL +	10	3	15	Denmark	09 March 2012	NTR	✓	✓	✓	✓	✓	12/590	Password protected limitation possible
		IBC Servermaster 10000TL Pro +	10	3	15	Denmark	09 March 2012	NTR	✓	✓	✓	✓	✓	12/590	Password protected limitation possible
		IBC Servermaster 12500TL	12.5	3	19	Denmark	09 March 2012	NTR	✓	✓	✓	✓	✓	12/590	Password protected limitation possible
		IBC Servermaster 12500TL +	12.5	3	19	Denmark	09 March 2012	NTR	✓	✓	✓	✓	✓	12/590	Password protected limitation possible
		IBC Servermaster 12500TL Pro+	12.5	3	19	Denmark	09 March 2012	NTR	✓	✓	✓	✓	✓	12/590	Password protected limitation possible
		IBC Servermaster 15000TL	15	3	22	Denmark	09 March 2012	NTR	✓	✓	✓	✓	✓	12/590	Password protected limitation possible
		IBC Servermaster 15000TL+	15	3	22	Denmark	09 March 2012	NTR	✓	✓	✓	✓	✓	12/590	Password protected limitation possible
		IBC Servermaster 15000TL Pro+	15	3	22	Denmark	09 March 2012	NTR	✓	✓	✓	✓	✓	12/590	Password protected limitation possible
Involar	China	MAC 250	0.235	1	1.02	Denmark	10 January 2012	NTR	✓	✓	✓	✓	✓	11/1939	Only in plant with central protection unit in front of it
i-energy Corporation Ltd	Taiwan	GT260	0.23	1	1	Denmark	13 December 2012	NTR	✓	✓	✓	✓	✓	12/1183	Only in plant with central protection unit in front of it
Jiangsu Goodwe Power Supply Technology Co Ltd	China	GW1500-SS	1.5	1	8	Denmark	07 March 2012	NTR	✓	✓	✓	✓	✓	12/471	
		GW2000-SS	2	1	10	Denmark	07 March 2012	NTR	✓	✓	✓	✓	✓	12/471	
		GW3000-SS	3	1	15	Denmark	07 March 2012	NTR	✓	✓	✓	✓	✓	12/471	
		GW3600-DK	3.6	1	16	Denmark	28 September 2012	NTR	✓	✓	✓	✓	✓	12/471	
		GW3600S-DK	3.6	1	16	Denmark	28 September 2012	NTR	✓	✓	✓	✓	✓	12/471	
		GW6000-DT	6	3	10	Denmark	5 September 2012	NTR	✓	✓	✓	✓	✓	12/471	
		GW10K-DT	10	3	17	Denmark	21 May 2012	NTR	✓	✓	✓	✓	✓	12/471	
		GW12K-DT	12	3	19	Denmark	21 May 2012	NTR	✓	✓	✓	✓	✓	12/471	
		GW15K-DT	15	3	25	Denmark	21 May 2012	NTR	✓	✓	✓	✓	✓	12/471	
		GW17K-DT	17	3	25	Denmark	21 May 2012	NTR	✓	✓	✓	✓	✓	12/471	
Jiangsu Zeversolar New Energy Co., Ltd	China	Volta VL1500	1.5	1	7.5	Denmark	10 July 2012	NTR	✓	✓	✓	✓	✓	12/583	
		Volta VL3000	3.0	1	15	Denmark	10 July 2012	NTR	✓	✓	✓	✓	✓	12/583	
		TL20K	20	3	30	Denmark	24 July 2013	NTR	✓	✓	✓	✓	✓	12/244	
Kaco	Germany	Powador 3200	2.6	1	11.3	Denmark	31 May 2012	NTR	✓	✓	✓	✓	✓	11/1869	
		Powador 4400	3.6	1	15.6	Denmark	31 May 2012	NTR	✓	✓	✓	✓	✓	11/1869	
		Powador 2002	1.65	1	7.2	Denmark	31 May 2012	NTR	✓	✓	✓	✓	✓	11/1869	
		Powador 3002	2.5	1	10.9	Denmark	31 May 2012	NTR	✓	✓	✓	✓	✓	11/1869	
		Powador 4202	3.5	1	15.2	Denmark	31 May 2012	NTR	✓	✓	✓	✓	✓	11/1869	
		Powador 10.0 TL3	10.0	3	13.0	Denmark	31 January 2012	NTR	✓	✓	✓	✓	✓	11/1869	Password protected limitation possible
		Powador 12.0 TL3	12.0	3	14.5	Denmark	31 January 2012	NTR	✓	✓	✓	✓	✓	11/1869	Password protected limitation possible
		Powador 14.0 TL3	12.5	3	18.1	Denmark	31 January 2012	NTR	✓	✓	✓	✓	✓	11/1869	Password protected limitation possible
		Powador 18.0 TL3	15	3	21.7	Denmark	25 march 2013	NTR	✓	✓	✓	✓	✓	13/702	
		Powador 30.0 TL3	25.8	3	36.2	Denmark	27 march 2013	NTR	✓	✓	✓	✓	✓	13/702	
		Powador 33.0 TL3	28.3	3	39.9	Denmark	27 march 2013	NTR	✓	✓	✓	✓	✓	13/702	
		Powador 36.0 TL3	30.9	3	43.5	Denmark	27 march 2013	NTR	✓	✓	✓	✓	✓	13/702	
		Powador 39.0 TL3	34.4	3	48.3	Denmark	27 march 2013	NTR	✓	✓	✓	✓	✓	13/702	
		Powador 40.0 TL3	37.1	3	52.2	Denmark	27 march 2013	NTR	✓	✓	✓	✓	✓	13/702	
		Powador 60.0 TL3	50	3	72.2	Denmark	14 June 2013	NTR	✓	✓	✓	✓	✓	12/1477	
Kostal	Germany	Piko 3.0	3	1	13	Denmark	3 January 2012	NTR	✓	✓	✓	✓	✓	11/1239	
		Piko 3.6	3.6	1	15.7	Denmark	3 January 2012	NTR	✓	✓	✓	✓	✓	11/1239	
		Piko 4.2	4.2	3	6.1	Denmark	3 January 2012	NTR	✓	✓	✓	✓	✓	11/1239	
		Piko 5.5	5.5	3	8	Denmark	3 January 2012	NTR	✓	✓	✓	✓	✓	11/1239	
		Piko 7.0	7	3	10	Denmark	26 April 2012	NTR	✓	✓	✓	✓	✓	11/1239	By factory selection "DK" limited to 6kW
		Piko 7.0 AD	7	3	10	Denmark	26 April 2012	NTR	✓	✓	✓	✓	✓	11/1239	By factory selection "DK" limited to 6kW
		Piko 8.3	8.3	3	12	Denmark	3 January 2012	NTR	✓	✓	✓	✓	✓	11/1239	Password protected limitation possible
		Piko 8.3 AD	8.3	3	12	Denmark	3 January 2012	NTR	✓	✓	✓	✓	✓	11/1239	Password protected limitation possible
		Piko 10.1	10	3	14.6	Denmark	3 January 2012	NTR	✓	✓	✓	✓	✓	11/1239	Password protected limitation possible
		Piko 10.1 AD	10	3	14.6	Denmark	3 January 2012	NTR	✓	✓	✓	✓	✓	11/1239	Password protected limitation possible
LifePO4You	Holland	Hybrid 3.0/L10-H3.0-001	3	1	13	Denmark	11 September 2013	NTR	✓	✓	✓	✓	✓	13/94571	
Luxra	Germany	Luxra SK-L 3000	3	1	13	Denmark	3 January 2012	NTR	✓	✓	✓	✓	✓	11/2464	
		Luxra SK-L 3600	3.6	1	15.7	Denmark	3 January 2012	NTR	✓	✓	✓	✓	✓	11/2464	
		Luxra SK-L 4200	4.2	3	6.1	Denmark	3 January 2012	NTR	✓	✓	✓	✓	✓	11/2464	
		Luxra SK-L 5500	5.5	3	8	Denmark	3 January 2012	NTR	✓	✓	✓	✓	✓	11/2464	
		Luxra SK-L 7000	7	3	12.7	Denmark	27 June 2012	NTR	✓	✓	✓	✓	✓	11/2464	By factory selection "DK" limited to 6kW
		Luxra SK-L 8300	8.3	3	12	Denmark	3 January 2012	NTR	✓	✓	✓	✓	✓	11/2464	
		Luxra SK-L 10100	10	3	14.6	Denmark	3 January 2012	NTR	✓	✓	✓	✓	✓	11/2464	
Mastervolt International B.V.	Holland	Soladin 1000 WEB	1	1	5.1	Denmark	23 September 2013	NTR	✓	✓	✓	✓	✓	13/92935	
		Soladin 1500 WEB	1.5	1	7.6	Denmark	23 September 2013	NTR	✓	✓	✓	✓	✓	13/92935	
		SunMaster XS2000	1.5	1	8	Denmark	8 February 2012	NTR	✓	✓	✓	✓	✓	11/2506	
		SunMaster XS3200	2.5	1	13	Denmark	8 February 2012	NTR	✓	✓	✓	✓	✓	11/2506	
		SunMaster XS4300	3.3	1	15	Denmark	8 February 2012	NTR	✓	✓	✓	✓	✓	11/2506	
		XL 3301 DEN power module	3.3	1	15	Denmark	8 February 2012	NTR	✓	✓	✓	✓	✓	11/2789	
		CS15TL	15	3	24	Denmark	8 February 2012	NTR	✓	✓	✓	✓	✓	11/2789	
		CS20TL	20	3	32	Denmark	8 February 2012	NTR	✓	✓	✓	✓	✓	11/2789	
		CS7TL RP	7	3	12	Denmark	7 February 2013	NTR	✓	✓	✓	✓	✓	11/2506	
		CS10TL RP	10	3	16	Denmark	7 February 2013	NTR	✓	✓	✓	✓	✓	11/2506	
		CS12TL RP	12	3	20	Denmark	7 February 2013	NTR	✓	✓	✓	✓	✓	11/2506	
		CS15TL RP	15	3	24	Denmark	7 February 2013	NTR	✓	✓	✓	✓	✓	11/2506	
		CS20TL RP	20	3	32	Denmark	7 February 2013	NTR	✓	✓	✓	✓	✓	11/2506	
		CS30TL RP	30	3	48	Denmark	7 February 2013	NTR	✓	✓	✓	✓	✓	11/2506	

List of PV inverters complying with TF 3.2.1 or Guidelines for electricity generation facilities with a rated current greater than 16 A per phase and max 75A

Manufacturer	Nationality	Designation	Power AC	No. of phases	Current per phase	Factory settings	Approval	Expiry	TF 3.2.1	EN50438	VDE-AR-N-4105	Guideline for > 16A	CE-compliant	Internal reference	Comments
	[Country]	[type]	[kW]	[no.]	[A]		[date]	[date]	[V]	[V]	[V]	[V]	[V]		
		SP 3000 Premium Plus	3	1	13.6	Denmark	7 August 2013		NTR	√	√	-	√	13/2156	
PLATINUM GmbH (former Diehl AKO)	Germany	PLATINUM 2100H	2.1	1	10.5	Denmark	09 March 2012		NTR	√	-	√	√	13/2202	
		PLATINUM 3000H	3	1	15.2	Denmark	09 March 2012		NTR	√	-	√	√	13/2202	
		PLATINUM 4000H	3.8	1	16	Denmark<16A	27 July 2012		NTR	√	-	√	√	13/2202	Limited to 16A/phase by factory
		PLATINUM 4600H	4.4	1	16	Denmark<16A	27 July 2012		NTR	√	-	√	√	13/2202	Limited to 16A/phase by factory
		PLATINUM 5500 R3-S2B	5	3	7.2	Denmark	23 October 2013		NTR	√	-	√	√	13/92762	
		PLATINUM 7000 R3-S2B	6	3	8.7	Denmark	23 October 2013		NTR	√	-	√	√	13/92762	
		PLATINUM 8000 R3-S2B	7	3	10.1	Denmark	23 October 2013		NTR	√	-	√	√	13/92762	
		PLATINUM 9000 R3-S2B	8	3	11.6	Denmark	23 October 2013		NTR	√	-	√	√	13/92762	
		PLATINUM 3801 TLD	3.33	1	14.3	Denmark	24 February 2012		NTR	√	-	√	√	13/2202	
		PLATINUM 3800 TLD	3.68	1	16	Denmark	24 February 2012		NTR	√	-	√	√	13/2202	
		PLATINUM 13000 TLD	12.36	3	17.8	Denmark	23 January 2012		NTR	-	-	√	√	13/2202	
		PLATINUM 14000 TLD	15	3	21.7	Denmark	23 January 2012		NTR	-	-	√	√	13/2202	
		PLATINUM 19000 TLD	18	3	26	Denmark	23 January 2012		NTR	-	-	√	√	13/2202	
		PLATINUM 22001 TLD	20	3	28.9	Denmark	23 January 2012		NTR	-	-	√	√	13/2202	
		PLATINUM 22000 TLD	20.7	3	29.9	Denmark	23 January 2012		NTR	-	-	√	√	13/2202	
		PLATINUM 11000 TL3R	10	3	14.5	Denmark	30 May 2012		NTR	√	-	√	√	13/2202	
		PLATINUM 13000 TL3R	12.4	3	18	Denmark	30 May 2012		NTR	-	-	√	√	13/2202	
		PLATINUM 17000 TL3R	16.5	3	23.9	Denmark	30 May 2012		NTR	-	-	√	√	13/2202	
		PLATINUM 20000 TL3R	19.2	3	27.8	Denmark	30 May 2012		NTR	-	-	√	√	13/2202	
		PLATINUM 2000 R3-MDX	6	3	8.7	Denmark	27 July 2012		NTR	√	-	√	√	13/2202	Password protected limitation possible
		PLATINUM 9000 R3-MDX	8.2	3	11.6	Denmark	27 July 2012		NTR	√	-	√	√	13/2202	Password protected limitation possible
		PLATINUM 11000 R3-MDX	10.2	3	14.5	Denmark	27 July 2012		NTR	√	-	√	√	13/2202	Password protected limitation possible
		PLATINUM 14000 R3-MDX	12.8	3	18.9	Denmark	27 July 2012		NTR	√	-	√	√	13/2202	Password protected limitation possible
		PLATINUM 16000 R3-MDX	15.3	3	22	Denmark	27 July 2012		NTR	√	-	√	√	13/2202	Password protected limitation possible
		PLATINUM 7000 R3-MDX-10	6	3	8.7	Denmark	16 August 2013		NTR	√	-	√	√	13/2202	
		PLATINUM 9000 R3-MDX-10	8	3	11.6	Denmark	16 August 2013		NTR	√	-	√	√	13/2202	
		PLATINUM 11000 R3-MDX-10	10	3	14.5	Denmark	16 August 2013		NTR	√	-	√	√	13/2202	
		PLATINUM 14000 R3-MDX-10	13.5	3	18.8	Denmark	16 August 2013		NTR	√	-	√	√	13/2202	
		PLATINUM 16000 R3-MDX-10	15	3	21.7	Denmark	16 August 2013		NTR	√	-	√	√	13/2202	
		PLATINUM 9000 R3-M2DXB	8	3	11.6	Denmark	16 August 2013		NTR	√	-	√	√	13/2202	
		PLATINUM 11000 R3-M2DXB	10	3	14.5	Denmark	16 August 2013		NTR	√	-	√	√	13/2202	
		PLATINUM 14000 R3-M2DXB	13.5	3	18.8	Denmark	16 August 2013		NTR	√	-	√	√	13/2202	
		PLATINUM 16000 R3-M2DXB	15	3	21.7	Denmark	16 August 2013		NTR	√	-	√	√	13/2202	
Power-One AG	Germany	MICRO-0.25-I-OUTD-230	0.25	1	1.3	Denmark	19 September 2013		NTR	√	-	√	√	13/93488	Only in plant with central protection unit in front of it
		MICRO-0.3-I-OUTD-230	0.3	1	1.5	Denmark	19 September 2013		NTR	√	-	√	√	13/93488	Only in plant with central protection unit in front of it
		UNO-2.0-I-OUTD	2	1	10	Denmark	6 August 2012		NTR	√	-	√	√	12/862	
		UNO-2.5-I-OUTD	2.5	1	12	Denmark	6 August 2012		NTR	√	-	√	√	12/862	
		PVI-3.0-TL-OUTD	3	1	14.5	Denmark	15 March 2012		NTR	√	-	√	√	12/862	
		PVI-6.0-TL-OUTD	6	3	10	Denmark	10 June 2013		NTR	√	-	√	√	12/862	
		PVI-8.0-TL-OUTD	8	3	13	Denmark	10 June 2013		NTR	√	-	√	√	12/862	
		PVI-10.0-TL-OUTD	10	3	16.6	Denmark	15 March 2012		NTR	√	-	√	√	12/862	
		PVI-12.5-TL-OUTD	12.5	3	20	Denmark	15 March 2012		NTR	√	-	√	√	12/862	
		PVI-10.0-I-OUTD	10	3	16	Denmark	29 July 2013		NTR	√	-	√	√	13/558	
		PVI-12.0-I-OUTD	12	3	18	Denmark	29 July 2013		NTR	√	-	√	√	13/558	
		TRIO-5.8-TL-OUTD	5.8	3	10	Denmark	30 July 2013		NTR	√	-	√	√	12/862	
		TRIO-7.5-TL-OUTD	7.5	3	12.5	Denmark	30 July 2013		NTR	√	-	√	√	12/862	
		TRIO-8.5-TL-OUTD	8.5	3	14.5	Denmark	30 July 2013		NTR	√	-	√	√	12/862	
		TRIO-20.0-TL	20	3	33	Denmark	15 March 2012		NTR	√	-	√	√	12/862	
		TRIO-27.6-TL	27.6	3	45	Denmark	15 March 2012		NTR	√	-	√	√	12/862	
Pow-Future		Jupiter-1500TL	1.5	1	7	Denmark	30 August 2012		NTR	√	-	√	√	13-2139	
		Jupiter-2000TL	2	1	9	Denmark	30 August 2012		NTR	√	-	√	√	13-2139	
		Jupiter-2500TL	2.5	1	12	Denmark	30 August 2012		NTR	√	-	√	√	13-2139	
		Venus-3000TL	3	1	14.5	Denmark	30 August 2012		NTR	√	-	√	√	13-2139	
		Venus-3600TL	3.68	1	16	Denmark	30 August 2012		NTR	√	-	√	√	13-2139	
Q3 Energieelectronic GmbH	Germany	QX3000	2.5	1	10.9	Denmark	26 July 2012		NTR	√	-	√	√	12/1219	
		QX4200-DK	3.68	1	16	Denmark	26 July 2012		NTR	√	-	√	√	12/1219	
		QX12000-DK	12	3	16	Denmark	26 July 2012		NTR	√	-	√	√	12/1219	Limited to max 16 A/phase in software
REFUsof GmbH	Germany	801R003	3.68	1	16	Denmark	16 October 2012		NTR	√	-	√	√	13/2312	
		802R008	8.25	3	12	Denmark	23 February 2012		NTR	√	-	√	√	12/442	Password protected limitation possible
		802R010	10	3	14.5	Denmark	23 February 2012		NTR	√	-	√	√	12/442	
		802R013	12.4	3	18	Denmark	22 February 2012		NTR	√	-	√	√	12/442	
		802R017	16.5	3	23.9	Denmark	22 February 2012		NTR	√	-	√	√	12/442	
		802R020	19.2	3	27.8	Denmark	22 February 2012		NTR	√	-	√	√	12/442	
Renesola	China	Replus-250	0.22	1	1	Denmark	26 February 2013		NTR	√	-	√	√	13/185	Only in plant with central protection unit in front of it
Samil Power Co., Ltd	China	SolarRiver 1100TL	1	1	5.5	Denmark	11 October 2012		NTR	√	-	√	√	12/87	
		SolarRiver 1600TL	1.5	1	8.3	Denmark	11 October 2012		NTR	√	-	√	√	12/87	
		SolarRiver 2300TL	2.3	1	11	Denmark	11 October 2012		NTR	√	-	√	√	12/87	
		SolarRiver 3000TL	3	1	13.8	Denmark	11 October 2012		NTR	√	-	√	√	12/87	
		SolarRiver 3400TL-D	3	1	16	Denmark	25 June 2012		NTR	√	-	√	√	12/1090	
		SolarLake 10000TL	10	3	16	Denmark	17 July 2012		NTR	√	-	√	√	12/87	Password protected limitation possible
		SolarLake 12000TL	12	3	19.2	Denmark	17 July 2012		NTR	√	-	√	√	12/87	Password protected limitation possible
		SolarLake 15000TL	15	3	24	Denmark	17 July 2012		NTR	√	-	√	√	12/87	Password protected limitation possible
		SolarLake 17000TL	17	3	25	Denmark	17 July 2012		NTR	√	-	√	√	12/87	Password protected limitation possible
Sarachat Energy	China	ZZ-ZB 2.0	2	1	8.7	Denmark	12 April 2012		NTR	√	-	√	√	13/1422	
		ZZ-ZB 3.0	3	1	13	Denmark	12 April 2012		NTR	√	-	√	√	13/1422	
		ZZ-ZB 3.7	3.68	1	16	Denmark	12 April 2012		NTR	√	-	√	√	13/1422	
		ZZ-ZB 5.0	5	2	10.9	Denmark	12 April 2012		NTR	√	-	√	√	13/1422	
		ZZ-ZB 6.0	6	2	13	Denmark	12 April 2012		NTR	√	-	√	√	13/1422	
		TLS-ZB 5.0	5	3	7.2	Denmark	12 April 2012		NTR	√	-	√	√	13/1422	
		TLS-ZB 6.0	6	3	8.7	Denmark	12 April 2012		NTR	√	-	√	√	13/1422	
		TLS-ZB 7.0	7	3	10.1	Denmark	12 April 2012		NTR	√	-	√	√	13/1422	
		TLS-ZB 8.0	8	3	11.6	Denmark	12 April 2012		NTR	√	-	√	√	13/1422	
		TLS-ZB 9.0	9	3	13	Denmark	12 April 2012		NTR	√	-	√	√	13/1422	
		TLS-ZB 10.0	10	3	14.5	Denmark	12 April 2012		NTR	√	-	√	√	13/1422	
		TLS-ZB 11.0	11	3	16	Denmark	12 April 2012		NTR	√	-	√	√	13/1422	
Schneider Electric	Den														

Manufacturer	Nationality	Designation	Power AC	No. of phases	Current per phase	Factory settings	Approval	Expiry	TF 3.2.1	EN50438	VDE-AR-N-4105	Guideline for > 16A	CE-compliant	Internal reference	Comments
	[Country]	[type]	[kW]	[no.]	[A]		[date]	[date]	[V]	[V]	[V]	[V]			
		Growatt 2000	2	1	8.7	Denmark	1 February 2012	NTR	✓	✓	✓	✓	✓	11/2373	
		Growatt 3000	2.9	1	12.4	Denmark	1 February 2012	NTR	✓	✓	✓	✓	✓	11/2373	
		Growatt 4000	3.68	1	16	Denmark	3 September 2012	NTR	✓	✓	✓	✓	✓	11/213	
		Growatt 10000 UE	10	3	14.4	Denmark	26 April 2012	NTR	✓	✓	✓	✓	✓	11/2373	Password protected limitation possible
		Growatt 12000 UE	12	3	17.5	Denmark	26 April 2012	NTR	✓	✓	✓	✓	✓	11/2373	
		Growatt 18000 UE	18	3	26	Denmark	26 April 2012	NTR	✓	✓	✓	✓	✓	11/2373	
		Growatt 20000 UE	20	3	29	Denmark	26 April 2012	NTR	✓	✓	✓	✓	✓	11/2373	
Shenzhen INVT Electric Co. Ltd	China	iMars BG1K5TL	1.5	1	7.5	Denmark	01 June 2012	NTR	✓	✓	✓	✓	✓	12/920	
		iMars BG2K2TL	2.2	1	11	Denmark	01 June 2012	NTR	✓	✓	✓	✓	✓	12/920	
		iMars BG3KTL	3	1	15	Denmark	01 June 2012	NTR	✓	✓	✓	✓	✓	12/920	
		iMars BG6KTR	6	3	10	Denmark	1 August 2012	NTR	✓	✓	✓	✓	✓	12/920	
		iMars BG8KTR	8	3	13	Denmark	1 August 2012	NTR	✓	✓	✓	✓	✓	12/920	
		iMars BG10KTR	10	3	15	Denmark	1 August 2012	NTR	✓	✓	✓	✓	✓	12/920	
		iMars BG12KTR	12	3	20	Denmark	1 August 2012	NTR	✓	✓	✓	✓	✓	12/920	
		iMars BG15KTR	15	3	24	Denmark	1 August 2012	NTR	✓	✓	✓	✓	✓	12/920	
Shenzhen JingFuYuan Tech Co., Ltd	China	SOLTEKNIK-3000TL	3	1	13	Denmark	20 February 2012	NTR	✓	✓	✓	✓	✓	11/2290	
		J51-1500TL	1.5	1	7.9	Denmark	06 June 2012	NTR	✓	✓	✓	✓	✓	11/2290	
		J51-2000TL	2	1	10.5	Denmark	12 March 2012	NTR	✓	✓	✓	✓	✓	12/593	
		J51-3000TL	3	1	13	Denmark	1 January 2011	NTR	✓	✓	✓	✓	✓	12/593	
		J51-3600TL	3.6	1	15.7	Denmark	12 March 2012	NTR	✓	✓	✓	✓	✓	12/593	
		SunTwin3300TL	3.3	1	14.3	Denmark	06 June 2012	NTR	✓	✓	✓	✓	✓	11/2290	
		Suntree5000TL	5	3	7.3	Denmark	06 July 2012	NTR	✓	✓	✓	✓	✓	12/593	
		Suntree6000TL	6	3	8.7	Denmark	06 July 2012	NTR	✓	✓	✓	✓	✓	12/593	
		Suntree8000TL	8	3	11.6	Denmark	06 July 2012	NTR	✓	✓	✓	✓	✓	12/593	
		Suntree10000TL	10	3	14.5	Denmark	06 July 2012	NTR	✓	✓	✓	✓	✓	12/593	
		Suntree12000TL	12	3	17.4	Denmark	06 July 2012	NTR	✓	✓	✓	✓	✓	12/593	
		Suntree15000TL	15	3	24.3	Denmark	22 January 2013	NTR	✓	✓	✓	✓	✓	12/593	
		Suntree17000TL	17	3	27.5	Denmark	22 January 2013	NTR	✓	✓	✓	✓	✓	12/593	
		Suntree20000TL	20	3	32.3	Denmark	27 January 2013	NTR	✓	✓	✓	✓	✓	12/593	
Shenzhen Volttronic Power Technology Corp.	China	EnerSolar 3 kW	3	1	13	Denmark	13 July 2012	NTR	✓	✓	✓	✓	✓	11/2462	
Sinodan Solar	China	Macosol-TL1.5k	1.5	1	6.5	Denmark	11 April 2012	NTR	✓	✓	✓	✓	✓	12/691	
		Macosol-TL2k	2	1	8.7	Denmark	11 April 2012	NTR	✓	✓	✓	✓	✓	12/691	
		Macosol-TL3k	3	1	13	Denmark	11 April 2012	NTR	✓	✓	✓	✓	✓	12/691	
		Macosol-TL3.6k	3.6	1	15.6	Denmark	6 August 2012	NTR	✓	✓	✓	✓	✓	12/691	
SMA Solar Technology AG	Germany	SB 1200	1.2	1	5.2	Denmark	20 February 2012	NTR	✓	✓	✓	✓	✓	10/688	
		SB 1300TL-10	1.3	1	5.7	Denmark	12 June 2012	NTR	✓	✓	✓	✓	✓	10/688	
		SB 1700	1.7	1	7.4	Denmark	20 February 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		SB 1600TL-10	1.6	1	7	Denmark	24 February 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		SB 2100TL	2.1	1	9.1	Denmark	20 February 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		SB 2000HF-30	2	1	8.7	Denmark	20 February 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		SB 2500HF-30	2.5	1	10.9	Denmark	24 February 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		SB3000HF-30	3	1	13	Denmark	20 February 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		SB 2500TLST-21	2.5	1	10.9	Denmark	12 June 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		SB 3000TLST-21	3	1	13.1	Denmark	12 June 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		SB 2500	2.5	1	11	Denmark	20 February 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		SB 3000	3	1	13	Denmark	20 February 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		SB 3000TL-21	3	1	13	Denmark	20 February 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		SB 3300-11	3.6	1	15.7	Denmark	20 February 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		SB 3800 / V	3.68	1	16	Denmark	29 October 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		SB 3600TL-21	3.68	1	16	Denmark	24 July 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		SB 4000TL-21	3.68	1	16	Denmark	21 August 2012	NTR	✓	✓	✓	✓	✓	12/1384	Password protected limitation possible
		STP 5000TL-20	5	3	7.3	Denmark	13 August 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		STP 6000TL-20	6	3	8.7	Denmark	13 August 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		STP 7000TL-20	7	3	10.2	Denmark	13 August 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		STP 8000TL-10	8	3	11.5	Denmark	24 February 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		STP 8000TL-20	8	3	11.6	Denmark	13 August 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		STP 9000TL-20	9	3	13.1	Denmark	13 August 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		STP 10000TL-10	10	3	14.4	Denmark	24 February 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		STP 12000TL-10	12	3	17.3	Denmark	24 February 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		STP 15000TL-10	15	3	21.7	Denmark	24 February 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		STP 17000TL-10	17	3	24.5	Denmark	24 February 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		STP 15000TL-EE-10	15	3	21.7	Denmark	12 June 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		STP 2000TL-EE-10	20	3	29	Denmark	12 June 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		STP 15000TL-HE-10	15	3	21.7	Denmark	12 June 2012	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		STP 20000TL-HE-10	20	3	28.9	Denmark	21 December 2011	NTR	✓	✓	✓	✓	✓	10/688	Password protected limitation possible
		SI 6.0 H-11	6	1	20	Denmark	15 August 2013	NTR	✓	✓	✓	✓	✓	10/688	Max. current has to be limited to 16A/phase by the retailer or installer according to the SMA installation manual for Denmark
Socomec	Italy	Sunsys B15	15.75	3	25	Denmark	25 April 2013	NTR	✓	✓	✓	✓	✓	13/1071	
		Sunsys B20	21	3	32	Denmark	25 April 2013	NTR	✓	✓	✓	✓	✓	13/1071	
		Sunsys B30	31.5	3	46	Denmark	25 April 2013	NTR	✓	✓	✓	✓	✓	13/1071	
SolarEdge Technologies	Israel	SE2200	2.2	1	2.2	Denmark	11 October 2012	NTR	✓	✓	✓	✓	✓	10/6879	
		SE3000	3	1	13	Denmark	23 January 2012	NTR	✓	✓	✓	✓	✓	10/6879	
		SE3300	3.3	1	14.3	Denmark	23 January 2012	NTR	✓	✓	✓	✓	✓	10/6879	
		SE3500	3.5	1	15.2	Denmark	23 January 2012	NTR	✓	✓	✓	✓	✓	10/6879	
		SE4000-16A limited	3.68	1	16	Denmark	23 January 2012	NTR	✓	✓	✓	✓	✓	10/6879	Limited to max 6 kW using firmware code 34 "Denmark Residential"
		SE7k	7	3	11.5	Denmark	23 January 2012	NTR	✓	✓	✓	✓	✓	10/6879	Limited to max 6 kW using firmware code 34 "Denmark Residential"
		SE8k	8	3	13.5	Denmark	23 January 2012	NTR	✓	✓	✓	✓	✓	10/6879	Limited to max 6 kW using firmware code 34 "Denmark Residential"
		SE9k	9	3	15.5	Denmark	23 January 2012	NTR	✓	✓	✓	✓	✓	10/6879	Limited to max 6 kW using firmware code 34 "Denmark Residential"
		SE10k	10	3	17.5	Denmark	23 January 2012	NTR	✓	✓	✓	✓	✓	10/6879	Limited to max 6 kW using firmware code 34 "Denmark Residential"
		SE10.5k	10.5	3	18.5	Denmark	23 January 2012	NTR	✓	✓	✓	✓	✓	10/6879	Limited to max 6 kW using firmware code 34 "Denmark Residential"
		SE12k	12	3	19	Denmark	23 January 2012	NTR	✓	✓	✓	✓	✓	10/6879	Limited to max 6 kW using firmware code 34 "Denmark Residential"
		SE12.5k	12.5	3	19.5	Denmark	23 January 2012	NTR	✓	✓	✓	✓	✓	10/6879	Limited to max 6 kW using firmware code 34 "Denmark Residential"
		SE15k	15	3	23	Denmark	11 October 2012	NTR	✓	✓	✓	✓	✓	10/6879	Limited to max 6 kW using firmware code 34 "Denmark Residential"
		SE16k	16	3	25.5	Denmark	11 October 2012	NTR	✓	✓	✓	✓	✓	10/6879	Limited to max 6 kW using firmware code 34 "Denmark Residential"
		SE17k	17	3	26	Denmark	11 October 2012	NTR	✓	✓	✓	✓	✓	10/6879	Limited to max 6 kW using firmware code 34 "Denmark Residential"
Solar-Fabrik AG	Germany	Convert 3T DCS	3	1	13.1	Denmark	29 August 2012	N							

List of PV inverters complying with TF 3.2.1 or Guidelines for electricity generation facilities with a rated current greater than 16 A per phase and max 75A

Manufacturer	Nationality	Designation	Power AC	No. of phases	Current per phase	Factory settings	Approval	Expiry	TF 3.2.1	EN50438	VDE-AR-N-4105	Guideline for > 16A	CE-compliant	Internal reference	Comments
	[Country]	[type]	[kW]	[no.]	[A]		[date]	[date]	[✓]	[✓]	[✓]	[✓]	[✓]		
		SolarMax 4000P	4	1	16	Denmark	11 October 2013	NTR	✓	-	-	✓	✓	13/9364	Limitation to 16A made by factory for DK use
		SolarMax 4200S	4.2	1	16	Denmark	3 June 2013	NTR	✓	-	-	✓	✓	12/977	Limitation to 6kW made by factory for DK use
		SolarMax 8MT2	8	3	12	Denmark	27 February 2013	NTR	✓	-	-	✓	✓	12/977	
		SolarMax 10MT2	10	3	16	Denmark	27 February 2013	NTR	✓	-	-	✓	✓	12/977	
		SolarMax 13MT2	13	3	20	Denmark	27 February 2013	NTR	-	-	✓	✓	✓	12/977	
		SolarMax 13MT3	13	3	20	Denmark	27 February 2013	NTR	-	-	✓	✓	✓	12/977	
		SolarMax 15MT2	15	3	22	Denmark	27 February 2013	NTR	-	-	✓	✓	✓	12/977	
		SolarMax 15MT3	15	3	22	Denmark	27 February 2013	NTR	-	-	✓	✓	✓	12/977	
Solutronic AG	Germany	SolPlus 2S	2.5	1	8.7	Denmark	2 April 2012	NTR	✓	-	-	✓	✓	10/7265	
		SolPlus 3S-DK	3	1	12.5	Denmark	2 April 2012	NTR	✓	-	-	✓	✓	10/7265	Password protected limitation possible
		SolPlus 100-DK	10	3	16	Denmark	6 March 2012	NTR	✓	-	-	✓	✓	10/7265	Password protected limitation possible
		SolPlus 120	12	3	17.4	Denmark	17 August 2012	NTR	-	-	✓	✓	✓	10/7265	
Steca Elektronik GmbH	Germany	StecaGrid 1800	1.8	1	12	Denmark	21 February 2013	NTR	✓	-	-	✓	✓	13/1705	
		StecaGrid 1800x	1.8	1	12	Denmark	30 September 2013	NTR	✓	-	-	✓	✓	13/92470	
		StecaGrid 2300	2.3	1	14	Denmark	21 February 2013	NTR	✓	-	-	✓	✓	13/1705	
		StecaGrid 2300	2.3	1	14	Denmark 2000W	21 February 2013	NTR	✓	-	-	✓	✓	13/1705	Password protected limitation possible
		StecaGrid 2300x	2.3	1	14	Denmark	30 September 2013	NTR	✓	-	-	✓	✓	13/92470	
		StecaGrid 3010	3	1	14	Denmark	21 February 2013	NTR	✓	-	-	✓	✓	13/1705	
		StecaGrid 3010	3	1	14	Denmark 2000W	21 February 2013	NTR	✓	-	-	✓	✓	13/1705	Password protected limitation possible
		StecaGrid 3010x	3	1	14	Denmark	30 September 2013	NTR	✓	-	-	✓	✓	13/92470	
		StecaGrid 3000	3	1	16	Denmark	9 February 2012	NTR	✓	-	-	✓	✓	13/1705	
		StecaGrid 3000	3	1	16	Denmark 2000W	25 October 2012	NTR	✓	-	-	✓	✓	13/1705	Password protected limitation possible
		StecaGrid 3600	3.6	1	16	Denmark	9 February 2012	NTR	✓	-	-	✓	✓	13/1705	
		StecaGrid 3600	3.6	1	16	Denmark 2000W	25 October 2012	NTR	✓	-	-	✓	✓	13/1705	Password protected limitation possible
		StecaGrid 3600x	3.6	1	16	Denmark	30 September 2013	NTR	✓	-	-	✓	✓	13/92470	
		StecaGrid 8000+	8	3	11.6	Denmark	22 March 2012	NTR	✓	-	-	✓	✓	13/1705	Password protected limitation possible
		StecaGrid 10000+	9.9	3	14.3	Denmark	22 March 2012	NTR	✓	-	-	✓	✓	13/1705	Password protected limitation possible
Sungrow Power Supply Co Ltd	China	SG10KTL	10	3	16	Denmark	25 October 2012	NTR	✓	-	-	✓	✓	12/1721	
		SG12KTL	12	3	19	Denmark	25 October 2012	NTR	-	-	✓	✓	✓	12/1721	
		SG15KTL	15	3	24	Denmark	25 October 2012	NTR	-	-	✓	✓	✓	12/1721	
		SG20KTL	20	3	29	Denmark	25 October 2012	NTR	-	-	✓	✓	✓	12/1721	
		SG30KTL	30	3	48	Denmark	4 December 2013	NTR	-	-	✓	✓	✓	13/92945	
		SG30KTL-M	30	3	48	Denmark	4 December 2013	NTR	-	-	✓	✓	✓	13/92945	
Sunways AG	Germany	NT 2500	2.5	1	10.9	Denmark	23 January 2012	NTR	✓	-	-	✓	✓	10/7137	
		NT 3000	3.0	1	13	Denmark	23 January 2012	NTR	✓	-	-	✓	✓	10/7137	
		NT 3700	3.68	1	16	Denmark	23 January 2012	NTR	✓	-	-	✓	✓	10/7137	
		NT 10000	10	3	14.5	Denmark	23 January 2012	NTR	✓	-	-	✓	✓	10/7137	
		NT 11000	11	3	16	Denmark	23 January 2012	NTR	✓	-	-	✓	✓	10/7137	
		NT 12000	12	3	17.4	Denmark	23 January 2012	NTR	-	-	✓	✓	✓	10/7137	
		AT 2700	2.7	1	11.7	Denmark	24 July 2012	NTR	✓	-	-	✓	✓	13/2273	
		AT 3000	3	1	13.0	Denmark	24 July 2012	NTR	✓	-	-	✓	✓	13/2273	
		AT 3600	3.6	1	15.6	Denmark	24 July 2012	NTR	✓	-	-	✓	✓	13/2273	
Suzhou Omnik New Energy Co.Ltd	China	Omniksol-1.5-TL	1.5	1	9	Denmark	19 September 2012	NTR	✓	-	-	✓	✓	12/362	
		Omniksol-2.0-TL	2	1	12	Denmark	19 September 2012	NTR	✓	-	-	✓	✓	12/362	
		Omniksol-3.0-TL	3	1	13	Denmark	28 June 2012	NTR	✓	-	-	✓	✓	12/362	
		Omniksol-4.0-TL	3.6	1	16	Denmark	12 October 2012	NTR	✓	-	-	✓	✓	12/362	
		Omniksol-13k-TL	13	3	18.8	Denmark	29 November 2012	NTR	✓	-	-	✓	✓	12/362	
		Omniksol-17k-TL	17	3	24.6	Denmark	29 November 2012	NTR	-	-	✓	✓	✓	12/362	
		Omniksol-20k-TL	19.2	3	28	Denmark	29 November 2012	NTR	-	-	✓	✓	✓	12/362	
Swea	Holland	UWT-1-250	0.25	1	1	Denmark	25 April 2012	NTR	✓	-	-	✓	✓	12/774	Only in plant with central protection unit in front of it
		UWT-1-1KW solar	1	1	4	Denmark	25 April 2012	NTR	✓	-	-	✓	✓	12/774	
Ten Sources Solar Electricity Ltd	China	TSG1.6KTL	1.6	1	7	Denmark	19 November 2012	NTR	✓	-	-	✓	✓	12/2044	
		TSG2.5KTL	2.5	1	12	Denmark	19 November 2012	NTR	✓	-	-	✓	✓	12/2044	
		TSG3KTL	3	1	14	Denmark	19 November 2012	NTR	✓	-	-	✓	✓	12/2044	
Tranergy Power Electronics	China	PVI1800TL	1.5	1	7.7	Denmark	28 June 2012	NTR	✓	-	-	✓	✓	12/1087	
		PVI2300TL	2	1	10.2	Denmark	28 June 2012	NTR	✓	-	-	✓	✓	12/1087	
		PVI3200TL	2.8	1	14.2	Denmark	28 June 2012	NTR	✓	-	-	✓	✓	12/1087	
		PVI10KTL	10	3	14.5	Denmark	13 September 2012	NTR	✓	-	-	✓	✓	12/1087	
		PVI12KTL	12	3	17.4	Denmark	13 September 2012	NTR	-	-	✓	✓	✓	12/1087	
		PVI17KTL	17	3	24.6	Denmark	13 September 2012	NTR	-	-	✓	✓	✓	12/1087	
Vertipower	China	Vertipower VPI 1500 TL	1.5	1	6.5	Denmark	14 December 2011	NTR	✓	-	-	✓	✓	13/760	
		Vertipower VPI 2000 TL	2	1	8.7	Denmark	14 December 2011	NTR	✓	-	-	✓	✓	13/760	
		Vertipower VPI 3000 TL	3	1	13	Denmark	14 December 2011	NTR	✓	-	-	✓	✓	13/760	
		Vertipower VPI 10.000 TL	10	3	16	Denmark	24 April 2012	NTR	✓	-	-	✓	✓	13/760	Password protected limitation possible
		Vertipower VPI 12.000 TL	12	3	19	Denmark	24 April 2012	NTR	✓	-	-	✓	✓	13/760	
		Vertipower VPI 18.000 TL	18	3	29	Denmark	24 April 2012	NTR	✓	-	-	✓	✓	13/760	
		Vertipower VPI 20.000 TL	20	3	32	Denmark	24 April 2012	NTR	✓	-	-	✓	✓	13/760	
Wuhan Powfuture Sci and Tech Co.,Ltd,	China	Jupiter-1500TL	1.5	1	7	Denmark	30 August 2012	NTR	✓	-	-	✓	✓	13/2139	
		Jupiter-2000TL	2	1	9	Denmark	30 August 2012	NTR	✓	-	-	✓	✓	13/2139	
		Jupiter-2500TL	2.5	1	12	Denmark	30 August 2012	NTR	✓	-	-	✓	✓	13/2139	
		Venus-3000TL	3	1	14.5	Denmark	30 August 2012	NTR	✓	-	-	✓	✓	13/2139	
		Venus-3600TL	3.68	1	16	Denmark	20 August 2012	NTR	✓	-	-	✓	✓	13/2139	
ZSD Solar	Germany	ZentralPower 2.5 S	2.5	1	10.8	Denmark	16 October 2013	NTR	✓	-	-	✓	✓	13/96082	
		ZentralPower 3.0 S	3	1	13	Denmark	16 October 2013	NTR	✓	-	-	✓	✓	13/96082	
		ZentralPower 3.6 S	3.6	1	15.6	Denmark	16 October 2013	NTR	✓	-	-	✓	✓	13/96082	
		ZentralPower 10.0 T	10	3	14.4	Denmark	16 October 2013	NTR	✓	-	-	✓	✓	13/96082	
		ZentralPower 12.0 T	12	3	17.5	Denmark	16 October 2013	NTR	-	-	✓	✓	✓	13/96082	
		ZentralPower 18.0 T	18	3	26	Denmark	16 October 2013	NTR	-	-	✓	✓	✓	13/96082	
		ZentralPower 20.0 T	20	3	29	Denmark	16 October 2013	NTR	-	-	✓	✓	✓	13/96082	

Standards	
TF 3.2.1	Technical Regulation 3.2.1 for electricity-generation plants rated up to and including 16 A per phase, single or multi phase (Version 2.1)
Guideline >16A	Technical Guideline for inverters of more than 16A and maksimum 75A
EN 50438-DK	Requirements for the connection of micro-generators in parallel with public low-voltage distribution networks (Version 2007)
VDE-AR-N-4105	DE Recommendation - Alternative to TF 3.2.1
CE-compliant	Safety etc.
Firmware	Approved firmware

Note:
NTR = Next Technical Revision (Future)