ENERGINET DK					Lis	t of PV su	incell inverters of	complying with	th	e re	equi	iremen	ts in TF 3.2.1
Manufacturer	Nationality	Designation	Power AC	No. of phases	Current per fase	Factory settings	Approval	Expiry	TF 3.2.1	df/dt (ROCOF)	50 at	VDE-AR-N-4105 CE-compliant	CAcadre) Comments
	[Country]	[type]	[kW]	[no.]	[A]		[date]	[date]] [√] [√	
ABB Oy Drives	Finland	PVS300-TL-3300W-2	3.3	1	14.3	Denmark	24 January 2012	31 March 2012	√	′ -		√ √	10/7230 Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
Anhui EHE new Energy Tech Co Ldt	China	EHE-N1.5KTL	1.5	1	6.9	Denmark	3 October 2011	NTR	√	′ √	/ √	- √	11/1739
		EHE-N2KTL EHE-N2K5	2.5	1	10 11	Denmark Denmark	3 October 2011 11 October 2011	NTR NTR		_		- √ - √	
		EHE-N3KTL	3	1	15	Denmark	3 October 2011	NTR		_		- √	
		ATC 5/2	_	2			24.1	24 14 1 2042		, ,	, ,		
Apambu	Germany	AIS 5/3 AIS 8/3	5 8	3	13	Denmark Denmark	31 January 2012 31 January 2012	31 March 2012 31 March 2012			-) √ -) √		11/671 11/671
		AIS 10/3	10	3	16	Denmark	31 January 2012	31 March 2012	√	′ (-	-) √	- √	
		AIS 12.5/3	12.5	3	20	Denmark	31 January 2012	31 March 2012	√	′ (-	-) √	- √	11/671
Aros Sirio	Italy	SIRIO 1500	1.5	1	6.6	Denmark	30 May 2011	31 March 2012	√	′ (-	-) √	- √	10/5724
		SIRIO 2000	2	1	8.7	Denmark	30 May 2011	31 March 2012	_		-	- V	
		SIRIO 2800 SIRIO 3100	2.8 3.1	1	12.2 13.5	Denmark Denmark	30 May 2011 30 May 2011	31 March 2012 31 March 2012	_	_	-) √ -) √		10/5724 10/5724
		SOLIA 6000	6	3	8.7	Denmark	28 June 2011	31 March 2012	_	_) √ -) √		10/5724
		SIRIO 10000-X-P	10	3	14.5	Denmark	31 January 2012	NTR	√	′ √	/ √	- √	10/5724
		SIRIO EVO 1500 SIRIO EVO 2000	1.5	1	6.6 8.7	Denmark Denmark	31 January 2012 31 January 2012	31 March 2012 31 March 2012	√ √	/ - / -	- -	√ √ √ √	10/5724 Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture 10/5724 Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		SIRIO EVO 3000	3	1	13	Denmark	31 January 2012	31 March 2012		/ -		V V	10/5724 Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture 10/5724 Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		SIRIO K12	12	3	17.3	Denmark	31 January 2012	31 March 2012	_ •	′ -	_	√ √	10/5724 Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		SIRIO K15 SIRIO K18	15 18	3	21.7 26	Denmark Denmark	31 January 2012 31 January 2012	31 March 2012 31 March 2012	<u> </u>	′ - ′ -	- -	√ √ √ √	10/5724 Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture 10/5724 Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		SIRIO KIO	16	3	20	Delilliaik	31 January 2012	31 March 2012	_ v	+	+-	- V V	10/37/24 Expire date will be NTK, when the documentation VDE-AK-N-4103 appendix F3 and F4 are received from the manufacture
Beijing Kinglong New Energy Technology Co.,Ltd	China	KLNE Sunteams 1500	1.5	1	6.5	Denmark	2 January 2012	NTR		_		- √	
		KLNE Sunteams 2000 KLNE Sunteams 3000	3	1	9	Denmark Denmark	2 January 2012 2 January 2012	NTR NTR				- √ - √	
		KLINE Suitteams 5000			17	Delillark	2 Juliudi y 2012	NIIX	· ·	ľ	* *	 '	
Danfoss Solar Inverters A/S	Denmark	ULX 1800i	1.8	1	6.5	Denmark	23 December 2011	31 March 2012	√	′ √	/ √	- √	10/4857
		ULX 3000i	3	1	13.5	Denmark	23 December 2011	31 March 2012			/ √		10/4857
		ULX 3600i TLX 6 k	3.6 6	1	15.7 9	Denmark Denmark	23 December 2011 27 May 2011	31 March 2012 NTR	<u> </u>		/ √ / √		10/4857 10/4857
		TLX 8 k	8	3	12	Denmark	27 May 2011 27 May 2011	NTR		_	/		10/4857
		TLX 10 k	10	3	15	Denmark	27 May 2011	NTR	_	_		- √	
		TLX 12.5 k TLX 15 k	12.5 15	3	19 22	Denmark Denmark	27 May 2011	NTR NTR	_	_	/	- √ - √	
		ULX 1800i/o	1.6	1	7	Denmark	27 May 2011 23 December 2011	31 March 2012		_		- ∨ √ √	9 - 2
		ULX 3000i/o	2.8	1	12.1	Denmark	23 December 2011	31 March 2012	√	′ √	/ √	√ √	10/4857 Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 are received from the manufacture
		ULX 3600i/o	3.3	1	14.3	Denmark	23 December 2011	31 March 2012	_	_		√ √	
		TLX+ 6k TLX+ 8k	6 8	3	9	Denmark Denmark	16 January 2012 16 January 2012	NTR NTR		_	_	√ √ √ √	7 7
		TLX+ 10k	10	3	15	Denmark	16 January 2012	NTR				√ √	
		TLX+ 12.5k	12.5	3	19	Denmark	16 January 2012	NTR		/ - /	_	√ √	
	+	TLX+ 15k TLX Pro+ 6k	15 6	3	22 9	Denmark Denmark	16 January 2012 16 January 2012	NTR NTR	<u> </u>	′ - ′ -		√ √ √ √	7 - 1
		TLX Pro+ 8k	8	3	12	Denmark	16 January 2012	NTR	<u> </u>			√ √	
		TLX Pro+ 10k	10	3	15	Denmark	16 January 2012	NTR		_	_	√ √	
		TLX Pro+ 12.5k TLX Pro+ 15k	12.5 15	3	19 22	Denmark Denmark	16 January 2012 16 January 2012	NTR NTR		_	_	√ √ √ √	
										, .	, ,	\prod	
Delta Energy Systems	Germany	SOLIVIA 2.5 EU G3 SOLIVIA 3.0 EU G3	2.5	1	11.2 13.5	Denmark Denmark	2 January 2012 2 January 2012	31 March 2012 31 March 2012	_	_	-) √ -) √	- √ - √	11/275 Factory settings according to TF 3.2.1 v.2.1 table 1 (Expire when version G4 are available) 11/275 Factory settings according to TF 3.2.1 v.2.1 table 1 (Expire when version G4 are available)
		SOLIVIA 3.3 EU G3	3.3	1	14.9	Denmark	2 January 2012 2 January 2012	31 March 2012				- V	
		SOLIVIA 2.5 EU G4 TR	2.5	1	11.2	Denmark	2 January 2012	31 March 2012		_	_	√ √	
		SOLIVIA 3.0 EU G4 TR SOLIVIA 3.3 EU G4 TR	3.3	1	13.5 14.9	Denmark Denmark	2 January 2012 2 January 2012	31 March 2012 31 March 2012		/ - / -		√ √ √ √	11/275 Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture 11/275 Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		SOLIVIA 3.3 EU G4 TR	15	3	21.8	Denmark	2 January 2012 2 January 2012	31 March 2012 31 March 2012		/ -		V V √	
		SOLIVIA 20 EU G4 TL	20	3	28.9	Denmark	2 January 2012	31 March 2012	√	′ -	- -	√ √	
Diehl AKO	Germany	PLATINUM 3801 TLD	3.33	1	14.3	Denmark	23 January 2012	31 March 2012	-/	/ .	_	√ √	11/2202 Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
Siem arte	Germany	PLATINUM 3800 TLD	3.68	1	16	Denmark	23 January 2012 23 January 2012	31 March 2012	_	_	_	V V	
		PLATINUM 13000 TLD	12.36	3	17.8	Denmark	23 January 2012	31 March 2012	√	′ -		√ √	11/2202 Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		PLATINUM 16000 TLD	15	3	21.7	Denmark	23 January 2012	31 March 2012	<u> </u>			√ √ √ √	, i p
	1	PLATINUM 19000 TLD	18	3	26	Denmark	23 January 2012	31 March 2012	√	-	- -	√ √	11/2202 Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture

ENERGINET DK					L	ist of PV su	incell inverters of	complying with	the	red	quire	emen	ts in TF	3.2.1
Manufacturer	Nationality	Designation	Power AC	No. of phases	Current per fase	Factory settings	Approval	Expiry	<u>ب</u>	If/dt (ROCOF)	20	VDE-AR-N-4105 CE-compliant	1 a %	Comments
	[Country]	[type]	[kW]	[no.]	[A]		[date]	[date]				[√] [√]		
		PLATINUM 22001 TLD	20	3	28.9	Denmark	23 January 2012	31 March 2012	√			√ √		Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		PLATINUM 22000 TLD	20.7	3	29.9	Denmark	23 January 2012	31 March 2012	√	-	-	√ √	11/2202	Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
Fronius	Austria	IG TL 3.0	3	1	13	Denmark	10 January 2012	31 March 2012	√		_	√ √		
		IG TL 3.6 IG Plus 25V-1	3.6 2.6	1	16 11.3	Denmark Denmark	10 January 2012 4 January 2012	31 March 2012 31 March 2012	√ √		_	√ √ √ √		Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F4 and G3 are received from the manufacture Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F4 and G3 are received from the manufacture
		IG Plus 30V-1	3	1	13	Denmark	4 January 2012	31 March 2012	√			√ √		Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F4 and G3 are received from the manufacture
		IG Plus 35V-1	3.5	1	15.2	Denmark	4 January 2012	31 March 2012	√	-	_	√ √	+ ·	Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F4 and G3 are received from the manufacture
		IG Plus 70V-2 IG Plus 100V-3	6.5 8	2	14.1	Denmark	4 January 2012	31 March 2012	√ √	-		√ √ √ √	12/88	Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F4 and G3 are received from the manufacture Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F4 and G3 are received from the manufacture
		IG Plus 120V-3	10	3	11.6 14.5	Denmark Denmark	4 January 2012 4 January 2012	31 March 2012 31 March 2012	V √			∨ ∨ √ √		Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F4 and G3 are received from the manufacture Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F4 and G3 are received from the manufacture
		IG Plus 150V-3	12	3	17.4	Denmark	4 January 2012	31 March 2012	√			√ √		Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F4 and G3 are received from the manufacture
		CL 36.0	36	3	52.2	Denmark	31 January 2012	31 March 2012	√	-	-	√ √	+	Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F4 and G3 are received from the manufacture
		CL 48.0	48	3	69.6	Denmark	31 January 2012	31 March 2012	√ /	-	-	√ √	12/88	Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F4 and G3 are received from the manufacture
		CL 60.0	60	3	87	Denmark	31 January 2012	31 March 2012	√	-	-	√ √	12/88	Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F4 and G3 are received from the manufacture
GESOLAR	China	GES-3K3TL	3	1	13	Denmark	13 December 2011	NTR	√	√	√	- √	11/2463	
Involar	China	MAC 250	0.235	1	1.02	Denmark	10 January 2012	NTR	√	√	√	- √	11/1939	
Kaco	Germany	Powador 3200	2.6	1	11.3	Denmark	31 January 2012	31 March 2012	√	-	-	√ √	11/1869	Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
	Coa,	Powador 4400	3.6	1	15.6	Denmark	31 January 2012	31 March 2012	√	-	+	√ √		
		Powador 2002	1.65	1	7.2	Denmark	31 January 2012	31 March 2012	√	-	_	√ √		Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		Powador 3002	2.5	1	10.9	Denmark	31 January 2012	31 March 2012	√ .			√ √		
		Powador 4202 Powador 10.0 TL3	3.5 9.0	1	15.2 13.0	Denmark Denmark	31 January 2012 31 January 2012	31 March 2012 31 March 2012	√ √		_	√ √ √ √		
		Powador 12.0 TL3	10.0	3	14.5	Denmark	31 January 2012	31 March 2012	V √	-		V V √		
		Powador 14.0 TL3	12.5	3	18.1	Denmark	31 January 2012	31 March 2012	√	-	-	√ √	11/1869	Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
			ļ.,									, ,		
Kostal	Germany	Piko 3.0 Piko 3.6	3.6	1	13 15.7	Denmark Denmark	3 January 2012 3 January 2012	NTR NTR	√ √	-	_	√ √ √ √		
		Piko 4.2	4.2	3	6.1	Denmark	3 January 2012	NTR	V √	-		V V √	10/5810	
		Piko 5.5	5.5	3	8	Denmark	3 January 2012	NTR	√	-	-	√ √	10/5810	
		Piko 8.3	8.3	3	12	Denmark	3 January 2012	NTR	√ /	-	-	√ √	10/5810	
		Piko 10.1	10	3	14.6	Denmark	3 January 2012	NTR	√	-	-	√ √	10/5810	
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	√	-		√ √		
		Luxra SK-L 4200	4.2	3	6.1	Denmark	3 January 2012	NTR	√ /	-	_	√ √		
		Luxra SK-L 5500 Luxra SK-L 8300	5.5 8.3	3	8 12	Denmark Denmark	3 January 2012 3 January 2012	NTR NTR	√ √	-	_	√ √ √ √		
		Luxra SK-L 10100	10	3	14.6	Denmark	3 January 2012	NTR	√	-	_	√ √		
Ningbo Ginlong Technologies Co, Ltd	China	Ginlong GCI-2K	2	1	8.7	Denmark	25 January 2012	NTR	√	√	√	- √	11/1939	
Pairan	Germany	PAI-3-5000	5	3	8	Denmark	31 January 2012	31 March 2012	√	(-)	√	- √	11/671	
		PAI-3-8000	8	3	13	Denmark	31 January 2012	31 March 2012	√	(-)	√	- √	11/671	
		PAI-3-10000 PAI-3-12500	10 12.5	3	16 20	Denmark Denmark	31 January 2012 31 January 2012	31 March 2012 31 March 2012		,		- √ - √		
		I VI-3-15300	12.3		20	Definidik	31 Juliual y 2012	ST HAIGH ZUIZ	v	(-)	v	T V	11/0/1	
Shenzhen Growatt New Energy Co., LtD	China	Growatt 1500	1.6	1	6.9	Denmark	1 February 2012	NTR	√	-		√ √		Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		Growatt 2000	2	1	8.7	Denmark	1 February 2012	NTR	√ /			√ √		Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		Growatt 3000	2.9	1	12.4	Denmark	1 February 2012	NTR	√	-	-	√ √	11/2373	Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
SMA Solar Technology AG	Germany	SB 1200	1.2	1	5.2	Denmark	21 December 2011	31 March 2012	√	_	-	√ √	11/2219	Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		SB 1700	1.7	1	7,4	Denmark	21 December 2011	31 March 2012	√	-		√ √	,	Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		SB1600TL-10	1.6	1	7	Denmark	21 December 2011	31 March 2012	√ ,	-		√ √		Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		SB 2100TL SB2000HF-30	2.1	1	9,1 8.7	Denmark Denmark	21 December 2011 21 December 2011	31 March 2012 31 March 2012	√ √	-	+ +	√ √ √ √		Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		SB2000HF-30 SB2500HF-30	2.5	1	10.9	Denmark	21 December 2011 21 December 2011	31 March 2012 31 March 2012	V √	-	1 1	v v √	+	
		SB3000HF-30	3	1	13	Denmark	21 December 2011	31 March 2012	√	-	-	·	11/2219	
		SB 2500	2.5	1	11	Denmark	21 December 2011	31 March 2012	√	-	-	√ √	1	Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		SB 3000	3	1	13	Denmark	21 December 2011	31 March 2012	√	-	-	√ √		Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		SB 3000 TL-21	3	1	13	Denmark	21 December 2011	31 March 2012	√	-	+	√ √		
		SB 3300-11	3.6	1	15.7	Denmark	21 December 2011	31 March 2012	√	-	-	√ √	+	Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		STP 8000TL-10	8	3	11.5	Denmark	21 December 2011	31 March 2012	√	-	-	\checkmark \checkmark	11/2219	Expire date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture

ENERGINET DK					L	ist of PV su	uncell inverters o	complying with	the	re	quir	emer	nts ir	TF 3.2.	2.1
Manufacturer	Nationality	Designation	Power AC	No. of phases	Current per fase	Factory settings	Approval	Expiry	TF 3.2.1	df/dt (ROCOF)	EN 50438-DK	VDE-AR-N-4105 CE-compliant	Energinet dk file	 	nments
	[Country]	[type]	[kW]	[no.]	[A]		[date]	[date]	[√]	[√]	[√]	[√] [√	′1		
		STP 10000TL-10	10	3	14.4	Denmark	21 December 2011	31 March 2012	√	-	-	√ v	11/	/2219 Expir	re date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		STP 12000TL-10	12	3	17.3	Denmark	21 December 2011	31 March 2012	√	-	-	√ v	11/	/2219 Expir	re date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		STP 15000TL-10	15	3	21.7	Denmark	21 December 2011	31 March 2012	√	-	-	√ v	11/	/2219 Expir	re date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		STP 17000TL-10	17	3	24.5	Denmark	21 December 2011	31 March 2012	√	-	-	√ v	11/	/2219 Expir	re date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
		STP 20000TL-10	20	3	28.9	Denmark	21 December 2011	31 March 2012	√	-	-	√ v	11/	/2219 Expir	re date will be "NTR", when the documentation VDE-AR-N-4105 appendix F3 and F4 are received from the manufacture
olarEdge Technologies	Israel	SE3000	3	1	13	Denmark	23 January 2012	NTR	√	√	\checkmark	- v	10/	/6879	
		SE3300	3.3	1	14.3	Denmark	23 January 2012	NTR	√	√	\checkmark	- v	10/	/6879	
		SE3500	3.5	1	15.2	Denmark	23 January 2012	NTR	\checkmark	√	\checkmark	- 1	10/	/6879	
		SE4000-16A limited	4	1	16	Denmark	23 January 2012	NTR	√	√	√	- √	10/		ted to max 16 A/phase
		SE7k	7	3	11.5	Denmark	23 January 2012	NTR	√	✓	\checkmark	- √	10/		ted to max 6 kW using firmware code 34 "Denmark Residential"
		SE8k	8	3	13.5	Denmark	23 January 2012	NTR	√	√	√	- √			ted to max 6 kW using firmware code 34 "Denmark Residential"
		SE9k	9	3	15.5	Denmark	23 January 2012	NTR	√		√	- √			ted to max 6 kW using firmware code 34 "Denmark Residential"
		SE10k	10	3	17.5	Denmark	23 January 2012	NTR	√	√	√	- √			ted to max 6 kW using firmware code 34 "Denmark Residential"
		SE10.5k	10.5	3	18.5	Denmark	23 January 2012	NTR	√	✓	✓	- √	,		ted to max 6 kW using firmware code 34 "Denmark Residential"
		SE12k	12	3	19	Denmark	23 January 2012	NTR	√	√	√	- v	+		ted to max 6 kW using firmware code 34 "Denmark Residential"
		SE12.5k	12.5	3	19.5	Denmark	23 January 2012	NTR	√	√	✓	- √	10/	/6879 Limite	ted to max 6 kW using firmware code 34 "Denmark Residential"
	-	NT 0500			46.5		22.1		٠,		\vdash	,	,		
unways AG	Germany	NT 2500 NT 3000	2.5	1	10.9	Denmark	23 January 2012	NTR NTR	√ -/	-	-	√ √		/7137	
			3.0	1	13	Denmark	23 January 2012	NTR NTR	V ./	-	-	√ √		/7137	
		NT 3700 NT 10000	10	3	16 14.5	Denmark Denmark	23 January 2012 23 January 2012	NTR NTR	v 2/	Ε-		V V √ √	_	/7137 /7137	
		NT 10000 NT 11000	11	3	16	Denmark	23 January 2012 23 January 2012	NTR	v 2/	Ė		v v		/7137	
		NT 12000	12	3	17.4	Denmark	23 January 2012 23 January 2012	NTR		<u> </u>	-	V V		/7137	
		111 12000	14	3	17.7	Deninark	25 Junuary 2012	IVIIX	+ *			- V	10/	,,13/	
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VSL Trading	China	JSI-3000TL	3	1	13	Denmark	1 January 2011	NTR	√	√	√		10/	/7186	
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Standards	
TF 3.2.1	Technical Regulation 3.2.1 for electricity-generation plants rated uo to and including 16 A per phase, single or multi phase (Version 2.1)
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.

Note:

NTR = Next Technical Revision (Future)