GREEN POWER DENMARK

List of grid-connected Energy storage facilities which comply with TF 3.3.1 (TR 3.3.1) rev. 2

Manufacturer	Designation	Version	Power AC	No. of phases	Approval	Expiry*	TF 3.3.1	CE-compliant	Can charge from grid	File Reference	Comments
[Name]	[type]	[Rev. / ver]	[kW]	[no.]	[date]	[date]	[X]	[X]	[X]	[xx/xxxxx]	
Alpha ESS Co. Ltd.											
	SMILE-HV-T10-INV		10	3	7 November 2022	NTR	X	X	X	s2022-980	
	Storion-SMILE-B3		3	1	28. juli 2019	NTR	X	X	X	S2019-639	
	PWS2-30M-EX		30	3	28 January 2022	NTR	X	X	X	s2022-113	
Aiswei/Solplanet											
	ASW08KH-T1		8	3	20. March 2023	NTR	X	X	X	s2023-071	
	ASW10KH-T1		10	3	20. March 2023	NTR	X	X	X	s2023-071	
	ASW12KH-T1		12	3	20. March 2023	NTR	X	X	X	s2023-071	
	ASW3000H-S2		3	1	1. May 2023	NTR	X	X	X	s2023-071	
	ASW3680H-S2		3,68	1	1. May 2023	NTR	X	X	X	s2023-071	
	ASW4000H-S2		4	1	1. May 2023	NTR	X	X	X	s2023-071	Only permitted when output is limited to max. 3680W
	ASW5000H-S2		5	1	1. May 2023	NTR	X	X	X	s2023-071	Only permitted when output is limited to max. 3680W
	ASW6000H-S2		6	1	1. May 2023	NTR	X	X	X	s2023-071	Only permitted when output is limited to max. 3680W
Converdan A/S											
	AFE333KAC		33	3	1 March 2022	NTR	X	X	X	s2022-217	
Enphase Energy											
	B03-T01-INT00-1-2		1,28	1	27 September 2023	NTR	X	X	X	s2023-985	
Deye											
	SUN-5K-SG04LP3-EU		5	3	22 July 2022	NRT	X	X	X	s2022-737	
	SUN-6K-SG04LP3-EU		6	3	22 July 2022	NRT	X	X	X	s2022-737	
	SUN-8K-SG04LP3-EU		8	3	22 July 2022	NRT	X	X	X	s2022-737	
	SUN-10K-SG04LP3-EU		10	3	22 July 2022	NRT	X	X	X	s2022-737	
	SUN-12K-SG04LP3-EU		12	3	22 July 2022	NRT	X	X	X	s2022-737	
	SUN-29.9K-SG01HP3-EU-BM3		29,9	3	24 April 2023	NRT	X	X	X	s2022-737	
	SUN-30K-SG01HP3-EU-BM3		30	3	24 April 2023	NRT	X	X	X	s2022-737	

	SUN-35K-SG01HP3-EU-BM3		35	3	24 April 2023	NRT	X	X	X	s2022-737	
	SUN-40K-SG01HP3-EU-BM4		40	3	24 April 2023	NRT	X	X	X	s2022-737	
	SUN-50K-SG01HP3-EU-BM4		50	3	24 April 2023	NRT	X	X	X	s2022-737	
FOXESS Co., LTD.											
	H3-5.0-E		5	3	27 October 2023	NRT	X	X	X	s2023-804	
	H3-6.0-E		6	3	27 October 2023	NRT	X	X	X	s2023-804	
	H3-8.0-E		8	3	27 October 2023	NRT	X	X	X	s2023-804	
	H3-10.0-E		10	3	27 October 2023	NRT	X	X	X	s2023-804	
	H3-12.0-E		12	3	27 October 2023	NRT	X	X	X	s2023-804	
	AC3-5.0-E		5	3	27 October 2023	NRT	X	X	X	s2023-804	
	AC3-6.0-E		6	3	27 October 2023	NRT	X	X	X	s2023-804	
	AC3-8.0-E		8	3	27 October 2023	NRT	X	X	X	s2023-804	
	AC3-10.0-E		10	3	27 October 2023	NRT	X	X	X	s2023-804	
	AC3-12.0-E		12	3	27 October 2023	NRT	X	X	X	s2023-804	
Fronius											
	Symo Hybrid 3.0-3-S		3	3	26 October 2018	NTR	X	X		s2018-681	
	Symo Hybrid 4.0-3-S		4	3	26 October 2018	NTR	X	X		s2018-681	
	Symo Hybrid 5.0-3-S		5	3	26 October 2018	NTR	X	X		s2018-681	
	Primo GEN24 Plus 3.0		3	1	11th June 2021	NTR	X	X	X	s2021-907	
	Primo GEN24 Plus 3.6		3.68	1	21th June 2021	NTR	X	X	X	s2021-907	
	Symo GEN24 Plus 3.0		3	3	11th June 2021	NTR	X	X	X	s2021-907	
	Symo GEN24 Plus 4.0		4	3	11th June 2021	NTR	X	X	X	s2021-907	
	Symo GEN24 Plus 5.0		5	3	11th June 2021	NTR	X	X	X	s2021-907	
	Symo GEN24 Plus 6.0		6	3	16 July 2020	NTR	X	X	X	s2020-723	
	Symo GEN24 Plus 8.0		8	3	16 July 2020	NTR	X	X	X	s2020-723	
	Symo GEN24 Plus 10.0		10	3	16 July 2020	NTR	X	x	X	s2020-723	
FSP TECHNOLOGY INC											
	FSP PowerManager 10KW		10	3	11 December 2020	NTR	X	X	X	s2020-1104	
	FSP PowerManager IP 10KW		10	3	9 September 2022	NTR	X	X	X	s2022-923	
	FSP PowerManager 4KW		4	1	12 July 2021	NTR	X	X	X	s2021-897	Only permitted when output is limited to max. 3680W
Ginlong Technologies Co., Ltd.											
	RHI-3K-48ES-5G		3	1	10 February 2022	NTR	X	X	X	s2022-169	
	S5-EH1P-3K-L		3	1	10 February 2022	NTR	X	X	X	s2022-169	
	RHI-3.6K-48ES-5G		3.6	1	10 February 2022	NTR	X	X	X	s2022-169	
	S5-EH1P-3.6K-L		3.6	1	10 February 2022	NTR	X	X	X	s2022-169	
	RHI-3P3K-HVES-5G		3	3	4 May 2021	NTR	X	X	X	s2021-431	
	RHI-3P4K-HVES-5G		4	3	4 May 2021	NTR	X	X	X	s2021-431	

	RHI-3P5K-HVES-5G		5	3	4 May 2021	NTR	X	X	X	s2021-431	
	RHI-3P6K-HVES-5G		6	3	4 May 2021	NTR	X	X	X	s2021-431	
	RHI-3P8K-HVES-5G		8	3	4 May 2021	NTR	X	X	X	s2021-431	
	RHI-3P10K-HVES-5G		10	3	4 May 2021	NTR	X	X	X	s2021-431	
	S6-EH3P3K-H-EU		3	3	5 May 2023	NTR	X	X	X	s2021-430	
	S6-EH3P4K-H-EU		4	3	5 May 2023	NTR	X	X	X	s2021-430	
	S6-EH3P5K-H-EU		5	3	5 May 2023	NTR	X	X	X	s2021-430	
	S6-EH3P6K-H-EU		6	3	5 May 2023	NTR	X	X	X	s2021-430	
	S6-EH3P8K-H-EU		8	3	5 May 2023	NTR	X	X	X	s2021-430	
	S6-EH3P10K-H-EU		10	3	5 May 2023	NTR	X	X	X	s2021-430	
	RAI-3K-48ES-5G		3	1	1 September 2023	NTR	X	X	X	s2021-430	
GoodWe Technologies Co., Ltd.											
	GW5K-ET		5	3	2 December 2021	NTR	X	X	X	s2021-1499	
	GW6.5K-ET		6.5	3	2 December 2021	NTR	X	X	X	s2021-1499	
	GW8K-ET		8	3	2 December 2021	NTR	X	X	X	s2021-1499	
	GW10K-ET		10	3	2 December 2021	NTR	X	X	X	s2021-1499	
	GW5K-BT		5	3	22 December 2021	NTR	X	X	X	s2021-1555	
	GW6K-BT		6	3	22 December 2021	NTR	X	X	X	s2021-1555	
	GW8K-BT		8	3	22 December 2021	NTR	X	X	X	s2021-1555	
	GW10K-BT		10	3	22 December 2021	NTR	X	X	X	s2021-1555	
	GW5KN-ET		5	3	17 Match 2023	NTR	X	X	X	s2021-1498	
	GW6.5KN-ET		6,5	3	17 Match 2023	NTR	X	X	X	s2021-1498	
	GW8KN-ET		8	3	17 Match 2023	NTR	X	X	X	s2021-1498	
	GW10KN-ET		10	3	17 Match 2023	NTR	X	X	X	s2021-1498	
	GW15K-ET		15	3	12 June 2023	NTR	X	X	X	s2021-1498	
	GW20K-ET		20	3	12 June 2023	NTR	X	X	X	s2021-1498	
	GW25K-ET		25	3	12 June 2023	NTR	X	X	X	s2021-1498	
	GW29.9K-ET		29,9	3	12 June 2023	NTR	X	X	X	s2021-1498	
	GW30K-ET		30	3	12 June 2023	NTR	X	X	X	s2021-1498	
Guangzhou Sanjing Electric Co., Ltd.											
	AS2-3K-S-X		3	1	9 December 2022	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. X = Number of battery modules
	AS2-3K-S-X WiFi		3	1	10 April 2024	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. X = Number of battery modules
	AS2-3.6K-S-X		3.6	1	9 December 2022	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. X = Number of battery modules

	AS2-3.6K-S-X WiFi		3.6	1	10 April 2024	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. X = Number of battery modules
	AS2-4K-S-X		4	1	9 December 2022	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	AS2-4K-S-X WiFi		4	1	10 April 2024	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	AS2-4.6K-S-X		4,6	1	9 December 2022	NTR	X	X	X	s2022-1167	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	AS2-4.6K-S-X WiFi		4,6	1	10 April 2024	NTR	X	X	X	s2022-1167	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	AS2-5K-S-X		5	1	9 December 2022	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	AS2-5K-S-X WiFi		5	1	10 April 2024	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	AS2-5K-S-B-X		5	1	9 December 2022	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules

	AS2-5K-S-B-X WiFi		5	1	10 April 2024	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	AS2-6K-S-X		6	1	9 December 2022	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	AS2-6K-S-X WiFi		6	1	10 April 2024	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	AS2-5K-T-X		5	3	9 December 2022	NTR	X	X	X	s2022-1166	X = Number of battery modules
	AS2-5K-T-X WiFi		5	3	10 April 2024	NTR	X	X	X	s2022-1166	X = Number of battery modules
	AS2-6-K-T-X		6	3	9 December 2022	NTR	X	X	X	s2022-1166	X = Number of battery modules
	AS2-6-K-T-X WiFi		6	3	10 April 2024	NTR	X	X	X	s2022-1166	X = Number of battery modules
	AS2-8K-T-X		8	3	9 December 2022	NTR	X	X	X	s2022-1166	X = Number of battery modules
	AS2-8K-T-X WiFi		8	3	10 April 2024	NTR	X	X	X	s2022-1166	X = Number of battery modules
	AS2-10K-T-X		10	3	9 December 2022	NTR	X	X	X	s2022-1166	X = Number of battery modules
	AS2-10K-T-X WiFi		10	3	10 April 2024	NTR	X	X	X	s2022-1166	X = Number of battery modules
	AS2-10K-T-B-X		10	3	9 December 2022	NTR	X	X	X	s2022-1166	X = Number of battery modules
	AS2-10K-T-B-WiFi		10	3	10 April 2024	NTR	X	X	X	s2022-1166	X = Number of battery modules
	H2-5K-T2		5	3	9 December 2022	NTR	X	X	X	s2022-1166	
	H2-5K-T2 WiFi		5	3	10 April 2024	NTR	X	X	X	s2022-1166	
	H2-6K-T2		6	3	9 December 2022	NTR	X	X	X	s2022-1166	
	H2-6K-T2 WiFi		6	3	10 April 2024	NTR	X	X	X	s2022-1166	
	H2-8K-T2		8	3	9 December 2022	NTR	X	X	X	s2022-1166	
	H2-8K-T2 WiFi		8	3	10 April 2024	NTR	X	X	X	s2022-1166	
	H2-10K-T2		10	3	9 December 2022	NTR	X	X	X	s2022-1166	
	H2-10K-T2 WiFi		10	3	10 April 2024	NTR	X	X	X	s2022-1166	
	HS2-3K-S2-X		3	1	9 December 2022	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. X = Number of battery modules

	HS2-3K-S2-X WiFi		3	1	10 April 2024	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. X = Number of battery modules
	HS2-3.6K-S2-X		3.6	1	9 December 2022	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. X = Number of battery modules
	HS2-3.6K-S2-X WiFi		3.6	1	10 April 2024	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. X = Number of battery modules
	HS2-4K-S2-X		4	1	9 December 2022	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	HS2-4K-S2-X WiFi		4	1	10 April 2024	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	HS2-4.6K-S2-X		4.6	1	9 December 2022	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	HS2-4.6K-S2-X WiFi		4.6	1	10 April 2024	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	HS2-5K-S2-X		5	1	9 December 2022	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	HS2-5K-S2-X WiFi		5	1	10 April 2024	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules

	HS2-5K-S2-B-X		5	1	9 December 2022	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	HS2-5K-S2-B-X WiFi		5	1	10 April 2024	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	HS2-6K-S2-X		6	1	9 December 2022	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	HS2-6K-S2-X WiFi		6	1	10 April 2024	NTR	X	X	X	s2022-1166	The inverter should not be installed in multiple phase combinations. Only permitted when output is limited to max. 3680W X = Number of battery modules
	HS2-5K-T2-X		5	3	9 December 2022	NTR	X	X	X	s2022-1166	X = Number of battery modules
	HS2-5K-T2-X WiFi		5	3	10 April 2024	NTR	X	X	X	s2022-1166	X = Number of battery modules
	HS2-6K-T2-X		6	3	9 December 2022	NTR	X	X	X	s2022-1166	X = Number of battery modules
	HS2-6K-T2-X WiFi		6	3	10 April 2024	NTR	X	X	X	s2022-1166	X = Number of battery modules
	HS2-8K-T2-X		8	3	9 December 2022	NTR	X	X	X	s2022-1166	X = Number of battery modules
	HS2-8K-T2-X WiFi		8	3	10 April 2024	NTR	X	X	X	s2022-1166	X = Number of battery modules
	HS2-10K-T2-X		10	3	9 December 2022	NTR	X	X	X	s2022-1166	X = Number of battery modules
	HS2-10K-T2-X WiFi		10	3	10 April 2024	NTR	X	X	X	s2022-1166	X = Number of battery modules
	HS2-10K-T2-B-X		10	3	9 December 2022	NTR	X	X	X	s2022-1166	X = Number of battery modules
	HS2-10K-T2-B-X WiFi		10	3	10 April 2024	NTR	X	X	X	s2022-1166	X = Number of battery modules
Huawei Technologies											
	SUN2000-3KTL-L1		3	1	22 January 2021	NTR	X	X	X	s2021-087	
	SUN2000-3.68KTL-L1		3.68	1	22 January 2021	NTR	X	X	X	s2021-087	
	SUN2000-3KTL-M0/M1		3	3	22 January 2021	NTR	X	X	X	s2021-087	
	SUN2000-4KTL-M0/M1		4	3	22 January 2021	NTR	X	X	X	s2021-087	

	SUN2000-5KTL-M0/M1		5	3	22 January 2021	NTR	X	X	X	s2021-087	
	SUN2000-6KTL-M0/M1		6	3	22 January 2021	NTR	X	X	X	s2021-087	
	SUN2000-8KTL-M0/M1		8	3	22 January 2021	NTR	X	X	X	s2021-087	
	SUN2000-10KTL-M0/M1		10	3	22 January 2021	NTR	X	X	X	s2021-087	
KACO new energy GmbH											
	Blueplanet gridsave 50.0 TL3		50	3	15 October 2021	NTR	X	X	X	s2021-1315	
	Blueplanet hybrid 10.0 TL3		10	3	12 April 2022	NTR	X	X	X	s2022-462	
Kostal											
	Plenticore plus 3.0	SW vers. 01.42	3	3	26 October 2018	NTR	X	X	-	s2018-682	
	Plenticore plus 4.2	SW vers. 01.42	4.2	3	27 October 2018	NTR	X	X		s2018-682	
	Plenticore plus 5.5	SW vers. 01.42	5.5	3	26 October 2018	NTR	X	X	-	s2018-682	
	Plenticore plus 7.0	SW vers. 01.42	7	3	26 October 2018	NTR	X	X	-	s2018-682	
	Plenticore plus 8.5	SW vers. 01.42	8.5	3	26 October 2018	NTR	X	X	-	s2018-682	
	Plenticore plus 10	SW vers. 01.42	10	3	26 October 2018	NTR	X	X	-	s2018-682	
	PIKO MP plus 1.5-1		1,5	1	17 December 2020	NTR	X	X	X	s2020-1219	
	PIKO MP plus 2.0-1		2	1	17 December 2020	NTR	X	X	X	s2020-1219	
	PIKO MP plus 2.5-1		2,5	1	17 December 2020	NTR	X	X	X	s2020-1219	
	PIKO MP plus 3.0-1		3	1	17 December 2020	NTR	X	X	X	s2020-1219	
	PIKO MP plus 3.0-2		3	1	17 December 2020	NTR	X	X	X	s2020-1219	
	PIKO MP plus 3.6-1		3,68	1	17 December 2020	NTR	X	X	X	s2020-1219	
	PIKO MP plus 3.6-2		3,68	1	17 December 2020	NTR	X	X	X	s2020-1219	
	PIKO MP plus 4.6-2		4,6	1	17 December 2020	NTR	X	X	X	s2020-1219	Only permitted when output is limited to max. 3680W
	PIKO MP plus 5.0-2		5	1	17 December 2020	NTR	X	X	X	s2020-1219	Only permitted when output is limited to max. 3680W
	PLENTICORE BI 5.5/26		5.5	3	18 December 2020	NTR	X	X	X	s2020-1220	
	PLENTICORE BI 10/26		10	3	18 December 2020	NTR	X	X	X	s2020-1220	
	PLENTICORE plus 3.0 G2		3	3	22 November 2023	NTR	X	X	X	s2020-1216	
	PLENTICORE plus 4.2 G2		4.2	3	22 November 2023	NTR	X	X	X	s2020-1216	
	PLENTICORE plus 5.5 G2		5.5	3	22 November 2023	NTR	X	X	X	s2020-1216	
	PLENTICORE plus 7.0 G2		7.0	3	22 November 2023	NTR	X	X	X	s2020-1216	
	PLENTICORE plus 8.5 G2		8.5	3	22 November 2023	NTR	X	X	X	s2020-1216	
	PLENTICORE plus 10 G2		10	3	22 November 2023	NTR	X	X	X	s2020-1216	
Ledvance A/S											

	LHT-HV-5K F2		5	3	13 July 2023	NTR	X	X	X	s2023-739	
	LHT-HV-6K F2		6	3	13 July 2023	NTR	X	X	X	s2023-739	
	LHT-HV-8K F2		8	3	13 July 2023	NTR	X	X	X	s2023-739	
	LHT-HV-10K F2		10	3	13 July 2023	NTR	X	X	X	s2023-739	
	LHT-LV-5K F1		5	3	13 July 2023	NTR	X	X	X	s2023-739	
	LHT-LV-6K F1		6	3	13 July 2023	NTR	X	X	X	s2023-739	
	LHT-LV-8K F1		8	3	13 July 2023	NTR	X	X	X	s2023-739	
	LHT-LV-10K F1		10	3	13 July 2023	NTR	X	X	X	s2023-739	
	LHT-LV-12K F1		12	3	13 July 2023	NTR	X	X	X	s2023-739	
	LHT-HV-30K F1		30	3	13 July 2023	NTR	X	X	X	s2023-739	
	LHT-HV-40K F1		40	3	13 July 2023	NTR	X	X	X	s2023-739	
	LHT-HV-50K F1		50	3	13 July 2023	NTR	X	X	X	s2023-739	
LG ELECTRONICS Deutschland GmbH											
	LG ESS HOME 8		8	3	4 December 2020	NTR	X	X	-	s2020-1144	
	LG ESS HOME 10		10	3	4 December 2020	NTR	X	X	-	s2020-1144	
M-TEC											
	Energy Butler 4kW-3P-3G25		4	3	29 November 2023	NTR	X	X	X	s2023-534	
	Energy Butler 5kW-3P-3G25		5	3	29 November 2023	NTR	X	X	X	s2023-534	
	Energy Butler 6kW-3P-3G25		6	3	29 November 2023	NTR	X	X	X	s2023-534	
	Energy Butler 8kW-3P-3G25		8	3	29 November 2023	NTR	X	X	X	s2023-534	
	Energy Butler 10kW-3P-3G40		10	3	29 November 2023	NTR	X	X	X	s2023-534	
	Energy Butler 12kW-3P-3G40		12	3	29 November 2023	NTR	X	X	X	s2023-534	
	Energy Butler 15kW-3P-3G40		15	3	29 November 2023	NTR	X	X	X	s2023-534	
	Energy Butler 20kW-3P-3G40		20	3	29 November 2023	NTR	X	X	X	s2023-534	
NGEN											
	STAR-H3-12.0-E		12	3	6 December 2023	NTR	X	X	X	s2023-1261	
Ningbo Sunways Technologies Co.,Ltd											
	STH-4KTL-HT		4	3	13 September 2023	NTR	X	X	X	s2023-641	
	STH-5KTL-HT		5	3	13 September 2023	NTR	X	X	X	s2023-641	
	STH-6KTL-HT		6	3	13 September 2023	NTR	X	X	X	s2023-641	
	STH-8KTL-HT		8	3	13 September 2023	NTR	X	X	X	s2023-641	
	STH-10KTL-HT		10	3	13 September 2023	NTR	X	X	X	s2023-641	
	STH-12KTL-HT		12	3	13 September 2023	NTR	X	X	X	s2023-641	
PIXII AS											

	PowerShaper 3.3		3,3	1	29 January 2021	NTR	X	X	X	s2021-114	
	PowerShaper 6.7		6,7	2	29 January 2021	NTR	X	X	X	s2021-114	
	Powershaper 10		10	3	29 January 2021	NTR	X	X	X	s2021-114	
	PowerShaper 13.3		13,3	3	29 January 2021	NTR	X	X	X	s2021-114	
	PowerShaper 16.7		16,7	3	29 January 2021	NTR	X	X	X	s2021-114	
	PowerShaper 20		20	3	29 January 2021	NTR	X	X	X	s2021-114	
	PowerShaper 23.3		23,3	3	29 January 2021	NTR	X	X	X	s2021-114	
	PowerShaper 26.7		26,7	3	29 January 2021	NTR	X	X	X	s2021-114	
	PowerShaper 30		30	3	29 January 2021	NTR	X	X	X	s2021-114	
	PowerShaper 33.3		33,3	3	1 March 2022	NTR	X	X	X	s2021-114	
	PowerShaper 40		40	3	1 March 2022	NTR	X	X	X	s2021-114	
	PowerShaper 43.3		43,3	3	1 March 2022	NTR	X	X	X	s2021-114	
	PowerShaper 46.7		46,7	3	1 March 2022	NTR	X	X	X	s2021-114	
	PowerShaper 50		50	3	1 March 2022	NTR	X	X	X	s2021-114	
Renac Power Technology Co., Ltd											
	ESC3000-DS		3	1	21-04-2022	NTR	X	X	X	s2022-479	
	ESC3680-DS		3,68	1	21-04-2022	NTR	X	X	X	s2022-479	
	ESC5000-DS		5	1	21-04-2022	NTR	X	X	X	s2022-479	Only permitted when output is limited to max. 3680W
	N3-HV-5.0		5	3	13 Febuary 2023	NTR	X	X	X	s2022-478	
	N3-HV-6.0		6	3	13 Febuary 2023	NTR	X	X	X	s2022-478	
	N3-HV-8.0		8	3	13 Febuary 2023	NTR	X	X	X	s2022-478	
	N3-HV-10.0		10	3	9 Febuary 2023	NTR	X	X	X	s2022-478	
RCT Power GmbH											
	Power Storage DC 4.0		4	3	4 May 2021	NTR	X	X	X	s2021-433	
	Power Storage DC 6.0		6	3	4 May 2021	NTR	X	X	X	s2021-433	
	Power Storage DC 8.0		8	3	4 May 2021	NTR	X	X	X	s2021-433	
	Power Storage DC 10.0		10	3	4 May 2021	NTR	X	X	X	s2021-433	
	Power Storage AC 4.0		4	3	4 May 2021	NTR	X	X	X	s2021-433	
	Power Storage AC 6.0		6	3	4 May 2021	NTR	X	X	X	s2021-433	
	Power Inverter 4.0		4	3	4 May 2021	NTR	X	X	X	s2021-433	
	Power Inverter 6.0		6	3	4 May 2021	NTR	X	X	X	s2021-433	
Senmarck Energy Ltd											
	Guard Plus-3680E		3,68	1	1 March 2023	NTR	X	X	X	s2022-250	

	Guard Plus-5000E		5	1	1 March 2023	NTR	X	X	X	s2022-250	Only permitted when output is limited to max. 3680W
	Guard Plus-8KH3		8	3	11 August 2023	NTR	X	X	X	s2023-300	
	Guard Plus-10KH3		10	3	11 August 2023	NTR	X	X	X	s2023-300	
	Guard Plus-12KH3		12	3	11 August 2023	NTR	X	X	X	s2023-300	
Shanghai Hoenergy Power Technology Co., Ltd.											
	iINV-HB3-6.0KH		6	3	19 June 2023	NTR	X	X	X	s2023-552	
	iINV-HB3-8.0KH		8	3	19 June 2023	NTR	X	X	X	s2023-552	
	iINV-HB3-10.0KH		10	3	19 June 2023	NTR	X	X	X	s2023-552	
	iINV-HB3-12.0KH		12	3	19 June 2023	NTR	X	X	X	s2023-552	
	iINV-HB3-15.0KH		15	3	19 June 2023	NTR	X	X	X	s2023-552	
Shenzhen Growatt New Energy Technology Co., Ltd											
	SPH3000		3	1	2 March 2020	NTR	X	X	X	s2020-259	
	SPH3600		3.68	1	2 March 2020	NTR	X	X	X	s2020-259	
	SPH4000TL3 BH		4	3	15 May 2020	NTR	X	X	X	s2020-508	
	SPH5000TL3 BH		5	3	15 May 2020	NTR	X	X	X	s2020-508	
	SPH6000TL3 BH		6	3	15 May 2020	NTR	X	X	X	s2020-508	
	SPH7000TL3 BH		7	3	15 May 2020	NTR	X	X	X	s2020-508	
	SPH8000TL3 BH		8	3	15 May 2020	NTR	X	X	X	s2020-508	
	SPH10000TL3 BH		10	3	15 May 2020	NTR	X	X	X	s2020-508	
	MIN 2500TL-XH		2,5	1	26 August 2021	NTR	X	X	X	s2021-1053	
	MIN 3000TL-XH		3	1	26 August 2021	NTR	X	X	X	s2021-1053	
	MIN 3600TL-XH		3,6	1	26 August 2021	NTR	X	X	X	s2021-1053	
	SPH4000TL3 BH-UP		4	3	10 November 2021	NTR	X	X	X	s2021-1409	
	SPH5000TL3 BH-UP		5	3	10 November 2021	NTR	X	X	X	s2021-1409	
	SPH6000TL3 BH-UP		6	3	10 November 2021	NTR	X	X	X	s2021-1409	
	SPH7000TL3 BH-UP		7	3	10 November 2021	NTR	X	X	X	s2021-1409	
	SPH8000TL3 BH-UP		8	3	10 November 2021	NTR	X	X	X	s2021-1409	
	SPH10000TL3 BH-UP		10	3	10 November 2021	NTR	X	X	X	s2021-1409	
	SPA4000TL3 BH-UP		4	3	10 November 2021	NTR	X	X	X	s2021-1409	
	SPA5000TL3 BH-UP		5	3	10 November 2021	NTR	X	X	X	s2021-1409	
	SPA6000TL3 BH-UP		6	3	10 November 2021	NTR	X	X	X	s2021-1409	
	SPA7000TL3 BH-UP		7	3	10 November 2021	NTR	X	X	X	s2021-1409	
	SPA8000TL3 BH-UP		8	3	10 November 2021	NTR	X	X	X	s2021-1409	
	SPA10000TL3 BH-UP		10	3	10 November 2021	NTR	X	X	X	s2021-1409	
	MOD 3000TL3-XH		3	3	15 December 2021	NTR	X	X	X	s2021-1542	
	MOD 4000TL3-XH		4	3	15 December 2021	NTR	X	X	X	s2021-1542	
	MOD 5000TL3-XH		5	3	15 December 2021	NTR	X	X	X	s2021-1542	

	MOD 6000TL3-XH		6	3	15 December 2021	NTR	X	X	X	s2021-1542	
	MOD 7000TL3-XH		7	3	15 December 2021	NTR	X	X	X	s2021-1542	
	MOD 8000TL3-XH		8	3	15 December 2021	NTR	X	X	X	s2021-1542	
	MOD 9000TL3-XH		9	3	15 December 2021	NTR	X	X	X	s2021-1542	
	MOD 10000TL3-XH		10	3	15 December 2021	NTR	X	X	X	s2021-1542	
	SPH 3000TL BL-UP		3	1	27 July 2023	NTR	X	X	X	s2020-908	
	SPH 3600TL BL-UP		3,6	1	27 July 2023	NTR	X	X	X	s2020-908	
	MID12KTL3-XH		12	3	27 September 2023	NTR	X	X	X	s2022-250	
	MID13KTL3-XH		13	3	27 September 2023	NTR	X	X	X	s2022-250	
	MID15KTL3-XH		15	3	27 September 2023	NTR	X	X	X	s2022-250	
	MID17KTL3-XH		17	3	27 September 2023	NTR	X	X	X	s2022-250	
	MID20KTL3-XH		20	3	27 September 2023	NTR	X	X	X	s2022-250	
	MID25KTL3-XH		25	3	27 September 2023	NTR	X	X	X	s2022-250	
	MID30KTL3-XH		30	3	27 September 2023	NTR	X	X	X	s2022-250	
Shenzhen KSTAR Science and Technology Co., Ltd.											
	Blue-S 3680D		3.68	1	26 August 2022	NRT	X	X	X	s2022-849	
	Blue-S 5000D		5	1	29 August 2022	NRT	X	X	X	s2022-849	Only permitted when output is limited to max. 3680W
	E8KT		8	3	24 April 2023	NRT	X	X	X	s2022-848	
	E10KT		10	3	24 April 2023	NRT	X	X	X	s2022-848	
	E12KT		12	3	24 April 2023	NRT	X	X	X	s2022-848	
	KAC50DP		50	3	18 July 2023	NRT	X	X	X	s2022-848	
SMA Solar Technology AG											
	STP5.0-3SE-40		5	3	20 October 2023	NTR	X	X	X	s2023-766	
	STP6.0-3SE-40		6	3	20 October 2023	NTR	X	X	X	s2023-766	
	STP8.0-3SE-40		8	3	20 October 2023	NTR	X	X	X	s2023-766	

	STP10.0-3SE-40		10	3	20 October 2023	NTR	X	X	X	s2023-766	
Solar Solutions Products BV											
	AS-ICH02-5000-2/HV		5	3	30. March 2023	NTR	X	X	X	s2022-250	
	AS-ICH02-6500-2/HV		6,5	3	30. March 2023	NTR	X	X	X	s2022-250	
	AS-ICH02-8000-2/HV		8	3	30. March 2023	NTR	X	X	X	s2022-250	
	AS-ICH02-10000-2/HV		10	3	30. March 2023	NTR	X	X	X	s2022-250	
Solax Power Co., Ltd											
	X1-Hybrid-3.0-N-E		3	1	29 September 2020	NTR	X	X	X	s2020-926	
	X1-Hybrid-3.0-D-E		3	1	29 September 2020	NTR	X	X	X	s2020-926	
	X1-Hybrid-3.0-N-I		3	1	29 September 2020	NTR	X	X	X	s2020-926	
	X1-Hybrid-3.0-D-I		3	1	29 September 2020	NTR	X	X	X	s2020-926	
	X1-Hybrid-3.0-N-C		3	1	29 September 2020	NTR	X	X	X	s2020-926	
	X1-Hybrid-3.0-D-C		3	1	29 September 2020	NTR	X	X	X	s2020-926	
	X1-Hybrid-3.7-N-E		3,68	1	29 September 2020	NTR	X	X	X	s2020-926	
	X1-Hybrid-3.7-D-E		3,68	1	29 September 2020	NTR	X	X	X	s2020-926	
	X1-Hybrid-3.7-N-I		3,68	1	29 September 2020	NTR	X	X	X	s2020-926	
	X1-Hybrid-3.7-D-I		3,68	1	29 September 2020	NTR	X	X	X	s2020-926	
	X1-Hybrid-3.7-N-C		3,68	1	29 September 2020	NTR	X	X	X	s2020-926	
	X1-Hybrid-3.7-D-C		3,68	1	29 September 2020	NTR	X	X	X	s2020-926	
	X1-Hybrid-4.6-N-E		4,6	1	29 September 2020	NTR	X	X	X	s2020-926	Only permitted when output is limited to max. 3680W
	X1-Hybrid-4.6-D-E		4,6	1	29 September 2020	NTR	X	X	X	s2020-926	Only permitted when output is limited to max. 3680W
	X1-Hybrid-4.6-N-I		4,6	1	29 September 2020	NTR	X	X	X	s2020-926	Only permitted when output is limited to max. 3680W
	X1-Hybrid-4.6-D-I		4,6	1	29 September 2020	NTR	X	X	X	s2020-926	Only permitted when output is limited to max. 3680W
	X1-Hybrid-4.6-N-C		4,6	1	29 September 2020	NTR	X	X	X	s2020-926	Only permitted when output is limited to max. 3680W
	X1-Hybrid-4.6-D-C		4,6	1	29 September 2020	NTR	X	X	X	s2020-926	Only permitted when output is limited to max. 3680W
	X1-Hybrid-5.0-N-E		5	1	29 September 2020	NTR	X	X	X	s2020-926	Only permitted when output is limited to max. 3680W
	X1-Hybrid-5.0-D-E		5	1	29 September 2020	NTR	X	X	X	s2020-926	Only permitted when output is limited to max. 3680W
	X1-Hybrid-5.0-N-I		5	1	29 September 2020	NTR	X	X	X	s2020-926	Only permitted when output is limited to max. 3680W

	X1-Hybrid-5.0-D-I		5	1	29 September 2020	NTR	X	X	X	s2020-926	Only permitted when output is limited to max. 3680W
	X1-Hybrid-5.0-N-C		5	1	29 September 2020	NTR	X	X	X	s2020-926	Only permitted when output is limited to max. 3680W
	X1-Hybrid-5.0-D-C		5	1	29 September 2020	NTR	X	X	X	s2020-926	Only permitted when output is limited to max. 3680W
	X1-Hybrid-3.0-D		3	1	2 February 2022	NTR	X	X	X	s2022-124	
	X1-Hybrid-3.0-M		3	1	2 February 2022	NTR	X	X	X	s2022-124	
	X1-Hybrid-3.7-D		3.7	1	2 February 2022	NTR	X	X	X	s2022-124	
	X1-Hybrid-3.7-M		3.7	1	2 February 2022	NTR	X	X	X	s2022-124	
	X1-Fit-3.0-M		3	1	2 February 2022	NTR	X	X	X	s2022-124	
	X1-Fit-3.0-W		3	1	2 February 2022	NTR	X	X	X	s2022-124	
	X1-Fit-3.7-M		3.7	1	2 February 2022	NTR	X	X	X	s2022-124	
	X1-Fit-3.7-W		3.7	1	2 February 2022	NTR	X	X	X	s2022-124	
	X3-Hybrid-5.0-D		5	3	28 April 2022	NTR	X	X	X	s2020-798	
	X3-Hybrid-5.0-M		5	3	28 April 2022	NTR	X	X	X	s2020-798	
	X3-Hybrid-5.0-N-E		5	3	19 August 2020	NTR	X	X	X	s2020-798	
	X3-Hybird-5.0-N-C		5	3	19 August 2020	NTR	X	X	X	s2020-798	
	X3-Hybrid-5.0-D-C		5	3	19 August 2020	NTR	X	X	X	s2020-798	
	X3-Hybrid-5.0-D-E		5	3	19 August 2020	NTR	X	X	X	s2020-798	
	X3-Hybrid-6.0-D		6	3	28 April 2022	NTR	X	X	X	s2020-798	
	X3-Hybrid-6.0-M		6	3	28 April 2022	NTR	X	X	X	s2020-798	
	X3-Hybrid-6.0-N-E		6	3	19 August 2020	NTR	X	X	X	s2020-798	
	X3-Hybrid-6.0-N-C		6	3	19 August 2020	NTR	X	X	X	s2020-798	
	X3-Hybrid-6.0-D-C		6	3	19 August 2020	NTR	X	X	X	s2020-798	
	X3-Hybrid-6.0-D-E		6	3	19 August 2020	NTR	X	X	X	s2020-798	
	X3-Hybrid-8.0-D		8	3	28 April 2022	NTR	X	X	X	s2020-798	
	X3-Hybrid-8.0-M		8	3	28 April 2022	NTR	X	X	X	s2020-798	
	X3-Hybrid-8.0-N-E		8	3	19 August 2020	NTR	X	X	X	s2020-798	
	X3-Hybrid-8.0-N-C		8	3	19 August 2020	NTR	X	X	X	s2020-798	
	X3-Hybrid-8.0-D-C		8	3	19 August 2020	NTR	X	X	X	s2020-798	
	X3-Hybrid-8.0-D-E		8	3	19 August 2020	NTR	X	X	X	s2020-798	
	X3-Hybrid-10.0-D		10	3	28 April 2022	NTR	X	X	X	s2020-798	
	X3-Hybrid-10.0-M		10	3	28 April 2022	NTR	X	X	X	s2020-798	
	X3-Hybrid-10.0-N-E		10	3	19 August 2020	NTR	X	X	X	s2020-798	
	X3-Hybrid-10.0-N-C		10	3	19 August 2020	NTR	X	X	X	s2020-798	
	X3-Hybrid-10.0-D-C		10	3	19 August 2020	NTR	X	X	X	s2020-798	

	X3-Hybrid-10.0-D-E		10	3	19 August 2020	NTR	X	X	X	s2020-798	
	X3-Hybrid-12.0-D		12	3	28 April 2022	NTR	X	X	X	s2020-798	
	X3-Hybrid-12.0-M		12	3	28 April 2022	NTR	X	X	X	s2020-798	
	X3-Hybrid-15.0-D		15	3	28 April 2022	NTR	X	X	X	s2020-798	
	X3-Hybrid-15.0-M		15	3	28 April 2022	NTR	X	X	X	s2020-798	
Sonnen GmbH											
	sonnenBatterie hybrid 8.1-3.5		3.5	3	7 August 2018	NTR	X	X	X	s2018-461	
	sonnenBatterie hybrid 8.1-5.5		5.5	3	7 August 2018	NTR	X	X	X	s2018-461	
	sonnenbatterie eco 8.0		3.3	3	12 February 2020	NTR	X	X	X	s2018-461	
	sonnenBatterie Hybrid 9.53		4,6	1	26 November 2020	NTR	X	X	X	s2020-1130	Only permitted when output is limited to max. 3680W
Sonnenkraft											
	SK-HWR-5		5	3	3 November 2023	NTR	X	X	X	s2023-1115	
	SK-HWR-6		6	3	3 November 2023	NTR	X	X	X	s2023-1115	
	SK-HWR-8		8	3	3 November 2023	NTR	X	X	X	s2023-1115	
	SK-HWR-10		10	3	3 November 2023	NTR	X	X	X	s2023-1115	
	SK-HWR-12		12	3	3 November 2023	NTR	X	X	X	s2023-1115	
Sungrow Power Supply Co., Ltd.											
	SH5.ORT		5	3	12 April 2024	NTR	X	X	X	s2023-1157	
	SH6.0RT		6	3	12 April 2024	NTR	X	X	X	s2023-1157	
	SH8.0RT		8	3	12 April 2024	NTR	X	X	X	s2023-1157	
	SH10.ORT		10	3	12 April 2024	NTR	X	X	X	s2023-1157	
	SH5.ORT-20		5	3	12 April 2024	NTR	X	X	X	s2023-1157	
	SH6.ORT-20		6	3	12 April 2024	NTR	X	X	X	s2023-1157	
	SH8.0RT-20		8	3	12 April 2024	NTR	X	X	X	s2023-1157	
	SH10.0RT-20		10	3	12 April 2024	NTR	X	X	X	s2023-1157	

SunSynk Ltd.											
	SYNK-5K-SG04LP3		5	3	15 June 2023	NTR	X	X	X	s2023-661	
	SYNK-6K-SG04LP3		6	3	15 June 2023	NTR	X	X	X	s2023-661	
	SYNK-8K-SG04LP3		8	3	15 June 2023	NTR	X	X	X	s2023-661	
	SYNK-10K-SG04LP3		10	3	15 June 2023	NTR	X	X	X	s2023-661	
	SYNK-12K-SG04LP3		12	3	15 June 2023	NTR	X	X	X	s2023-661	
	SUNSYNK-29.9K-SG01HP3-EU-BM3		29,9	3	15 June 2023	NTR	X	X	X	s2023-661	
	SUNSYNK-30K-SG01HP3-EU-BM3		30	3	15 June 2023	NTR	X	X	X	s2023-661	
	SUNSYNK-35K-SG01HP3-EU-BM3		35	3	15 June 2023	NTR	X	X	X	s2023-661	
	SUNSYNK-40K-SG01HP3-EU-BM4		40	3	15 June 2023	NTR	X	X	X	s2023-661	
	SUNSYNK-50K-SG01HP3-EU-BM4		50	3	15 June 2023	NTR	X	X	X	s2023-661	
SUNTO ApS											
	Hybrid Energy 10.0		10	3	13 November 2020	NTR	X	X	X	s2020-1066	
Suzhou Hypontech Co., Ltd											
	HHS-3000		3	1	11 August 2022	NTR	X	X	X	s2022-784	
	HHS-3680		3,68	1	11 August 2022	NTR	X	X	X	s2022-784	
	HHS-5000		5	1	11 August 2022	NTR	X	X	X	s2022-784	Only permitted when output is limited to max. 3680W
	HHS-6000		6	1	11 August 2022	NTR	X	X	X	s2022-784	Only permitted when output is limited to max. 3680W
	HBS-3000		3	1	11 August 2022	NTR	X	X	X	s2022-784	
	HBS-3680		3,68	1	11 August 2022	NTR	X	X	X	s2022-784	
	HBS-5000		5	1	11 August 2022	NTR	X	X	X	s2022-784	Only permitted when output is limited to max. 3680W
	HBS-6000		6	1	11 August 2022	NTR	X	X	X	s2022-784	Only permitted when output is limited to max. 3680W
	HHT-5000		5	3	2 December 2022	NTR	X	X	X	s2022-782	
	HHT-6000		6	3	2 December 2022	NTR	X	X	X	s2022-782	
	HHT-8000		8	3	2 December 2022	NTR	X	X	X	s2022-782	
	HHT-10000		10	3	2 December 2022	NTR	X	X	X	s2022-782	
	HHT-12000		12	3	2 December 2022	NTR	X	X	X	s2022-782	

Victron Energy											
	MultiPlus-II 24/3000/70-32 230V		2.4	1	20 May 2020	NTR	X	X	X	s2020-524	
	MultiPlus-II 48/3000/35-32 230V		2.4	1	20 May 2020	NTR	X	X	X	s2020-524	
	MultiPlus-II 48/5000/70-50 230V		4	1	20 May 2020	NTR	X	X	X	s2020-524	If installed on one phase , it has to be limited to 3.68 kW.
Visblue											
	VisFlow 7.2		7.2	3	20 May 2020	NTR	X	X	X	s2020-524	
	VisFlow 12		12	3	20 May 2020	NTR	X	X	X	s2020-524	
Viva Energi											
	Hybridpower 2031		3	1	7 May 2018	NTR	X	X	-	s2018-330	
	Hybridpower 2036		3.6	1	25 May 2018	NTR	X	X	-	s2018-330	
	Hybridpower 2050		5	3	25 May 2018	NTR	X	X	-	s2018-330	
	Hybridpower 2051		5	3	25 May 2018	NTR	X	X	-	s2018-330	
	Hybridpower 2100		10	3	25 May 2018	NTR	X	X	-	s2018-330	
V-TAC											
	SUN-5K-SG04LP3-EU		5	3	3 April 2023	NTR	X	X	X	s2023-422	
	SUN-10K-SG04LP3-EU		10	3	3 April 2023	NTR	X	X	X	s2023-422	
	SUN-12K-SG04LP3-EU		12	3	3 April 2023	NTR	X	X	X	s2023-422	
Xolta A/S											
	BAT-80		30	3	4 May 2023	NTR	X	X	X	s2022-1320	
	BAT-79		30	3	26 June 2020	NTR	X	X	X	s2020-659	
	BAT-5		3,6	1	5 November 2020	NTR	X	X	X	s2020-1041	
	BAT-10		3,6	1	5 November 2020	NTR	X	X	X	s2020-1041	
	BAT-80/25		25	3	29 November 2023	NTR	X	X	X	s2022-1320	
	BAT-80/50		50	3	29 November 2023	NTR	X	X	X	s2022-1320	
Standards											
TF 3.3.1	Technical Regulation 3.3.1 for Electrical energy storage facilities										
CE-compliant	Safety etc.										
*Note	The expiry date is when a new techincal regulation is published or a when the Energy storage plant is updated (new version or revision)										
Note	NTR = Next Technical Revision (Future)										
