

Inverter NRS certification list

	Make	Model	NRS 097-2-1:2010		NRS 097-2-1:2017	Certificate Date	Valid until	Test House	Certificate number	IEC 61727 ≈NRS097	IEC 62116 Anti-Islanding	Comments
			Certification	Sanas Re-Certified	Certification							
Example	Goodwe	GW3648-EM	No		Yes	2017/07/14		TUV Rheinland				
Example	SMA	SB 3000TL-21	Yes		No	2015/02/20		Bureau Veritas				
1	Deye	SUN-8K-SG01LP1-EU			Yes	2020/03/04		Shenzhen BALUN Technology	BL-DG19C0016D02		Yes	Hybrid Inverter
2	Deye	SUN-8K-SG01LP1-EU-B			Yes	2020/03/04		Shenzhen BALUN Technology	BL-DG19C0016D02		Yes	Hybrid Inverter
3	Deye	SUN-7.6K-SG01LP1-EU			Yes	2020/03/04		Shenzhen BALUN Technology	BL-DG19C0016D02		Yes	Hybrid Inverter
4	Deye	SUN-7.6K-SG01LP1-EU-B			Yes	2020/03/04		Shenzhen BALUN Technology	BL-DG19C0016D02		Yes	Hybrid Inverter
5	Deye	SUN-6K-SG01LP1-EU			Yes	2020/03/04		Shenzhen BALUN Technology	BL-DG19C0016D02		Yes	Hybrid Inverter
6	Deye	SUN-6K-SG01LP1-EU-B			Yes	2020/03/04		Shenzhen BALUN Technology	BL-DG19C0016D02		Yes	Hybrid Inverter
7	Deye	SUN-5K-SG01LP1-EU			Yes	2020/03/04		Shenzhen BALUN Technology	BL-DG19C0016D02		Yes	Hybrid Inverter
8	Deye	SUN-5K-SG01LP1-EU-B			Yes	2020/03/04		Shenzhen BALUN Technology	BL-DG19C0016D02		Yes	Hybrid Inverter
9	Deye	SUN-3.6K-SG01LP1-EU			Yes	2020/03/04		Shenzhen BALUN Technology	BL-DG19C0016D02		Yes	Hybrid Inverter
10	Deye	SUN-3.6K-SG01LP1-EU-B			Yes	2020/03/04		Shenzhen BALUN Technology	BL-DG19C0016D02		Yes	Hybrid Inverter
11	GoodWe	GW 3648S-ED	Yes			2015/04/09		TUV SUD	D15 04 83373 011		Yes	Grid-Tied PV Inverter with Automatic Disconnection Device
12	GoodWe	GW 3648D-ES			Yes	2018/11/12		TUV SUD	D 083373 0039 Rev.00		Yes	Grid-Tied PV Inverter with Automatic Disconnection Device
13	GoodWe	GW 4248D-ES	Yes			2015/04/09		TUV SUD	D15 04 83373 011		Yes	Grid-Tied PV Inverter with Automatic Disconnection Device
14	GoodWe	GW 5048D-ES			Yes	2018/11/12		TUV SUD	D 083373 0039 Rev.00		Yes	Grid-Tied PV Inverter with Automatic Disconnection Device
15	GoodWe	GW 5K-ET			Yes	2019/05/23		Bureau Veritas	1988AP0507N014001		Yes	Full Hybrid Inverter with build in Anti-Islanding
16	GoodWe	GW 8K-ET			Yes	2019/05/23		Bureau Veritas	1988AP0507N014001		Yes	Full Hybrid Inverter with build in Anti-Islanding
17	GoodWe	GW10K-ET			Yes	2019/05/23		Bureau Veritas	1988AP0507N014001		Yes	Full Hybrid Inverter with build in Anti-Islanding
18	InfiniSolar	Super 4KW			Yes	2016/09/14		Bureau Veritas	U16-0520	Yes		Photovoltaici (PV) Inverter
19	Kaco	Powador 12.0TL3-INT	Yes			2016/08/24		Bureau Veritas	U16-0472	Yes	Yes	Three Phase Inverter with Automatic Disconnection
20	Kaco	Powador 14.0TL3-INT	Yes			2016/08/24		Bureau Veritas	U16-0473	Yes	Yes	Three Phase Inverter with Automatic Disconnection
21	Kaco	Powador 18.0TL3-INT	Yes			2016/08/24		Bureau Veritas	U16-0474	Yes	Yes	Three Phase Inverter with Automatic Disconnection
22	Kaco	Powador 20.0TL3-INT	Yes			2016/08/24		Bureau Veritas	U16-0475	Yes	Yes	Three Phase Inverter with Automatic Disconnection
23	Kaco	Blue Planet 20.0 TL3 M2 WM OD 11G0	Yes			2016/08/24		Bureau Veritas	U16-0476	Yes	Yes	Three Phase Inverter with Automatic Disconnection
24	KODAK	13			Yes	2019/12/10		DEKRA	6065813.01AOC		Yes	Grid Tied Inverter
25	KODAK	13.6			Yes	2019/12/10		DEKRA	6065813.01AOC		Yes	Grid Tied Inverter
26	KODAK	14.6			Yes	2019/12/10		DEKRA	6065813.01AOC		Yes	Grid Tied Inverter
27	Ohm	OHM-8K-W			Yes	2020/02/26		Shenzhen BALUN Technology	BL-SZ1910095D02		Yes	Hybrid Inverter
28	Ohm	OHM-7.6K-W			Yes	2020/02/26		Shenzhen BALUN Technology	BL-SZ1910095D02		Yes	Hybrid Inverter
29	Ohm	OHM-6K-W			Yes	2020/02/26		Shenzhen BALUN Technology	BL-SZ1910095D02		Yes	Hybrid Inverter
30	Ohm	OHM-5K-W			Yes	2020/02/26		Shenzhen BALUN Technology	BL-SZ1910095D02		Yes	Hybrid Inverter
31	Ohm	OHM-3.6K-W			Yes	2020/03/06		Shenzhen BALUN Technology	BL-SZ1910095D02			Hybrid Inverter
32	Solar Edge	SE4K	Yes			2018/03/05		Bureau Veritas	U15-0146	Yes	Yes	Three Phase Inverter with Automatic Disconnection
33	Solar Edge	SE5K	Yes			2018/03/05		Bureau Veritas	U15-0146	Yes	Yes	Three Phase Inverter with Automatic Disconnection
34	Solar Edge	SE7K	Yes			2018/03/05		Bureau Veritas	U15-0146	Yes	Yes	Three Phase Inverter with Automatic Disconnection
35	Solar Edge	SE8K	Yes			2018/03/05		Bureau Veritas	U15-0146	Yes	Yes	Three Phase Inverter with Automatic Disconnection
36	Solar Edge	SE9K	Yes			2018/03/05		Bureau Veritas	U15-0146	Yes	Yes	Three Phase Inverter with Automatic Disconnection
37	Solar Edge	SE10K	Yes			2018/03/05		Bureau Veritas	U15-0146	Yes	Yes	Three Phase Inverter with Automatic Disconnection
38	Solar Edge	SE12.5K	Yes			2018/03/05		Bureau Veritas	U15-0146	Yes	Yes	Three Phase Inverter with Automatic Disconnection
39	Solar Edge	SE15K	Yes			2018/03/05		Bureau Veritas	U15-0146	Yes	Yes	Three Phase Inverter with Automatic Disconnection
40	Solar Edge	SE16K	Yes			2018/03/05		Bureau Veritas	U15-0146	Yes	Yes	Three Phase Inverter with Automatic Disconnection
41	Solar Edge	SE17K	Yes			2018/03/05		Bureau Veritas	U15-0146	Yes	Yes	Three Phase Inverter with Automatic Disconnection
42	Solis	RHI-3K-48ES				2018/07/19		TUV SUD	N8A 086470 0033 Rev.00		Yes	Hybrid Inverter
43	Solis	RHI-3.6K-48ES				2018/07/19		TUV SUD	N8A 086470 0033 Rev.00		Yes	Hybrid Inverter
45	Solis	RHI-4.6K-48ES				2018/07/19		TUV SUD	N8A 086470 0033 Rev.00		Yes	Hybrid Inverter
46	Solis	RHI-5K-48ES				2018/07/19		TUV SUD	N8A 086470 0033 Rev.00		Yes	Hybrid Inverter
47	Studer	XTH 8000-48	Yes			2016/08/01		Primara Test-und Zertifizier-GmbH	16-093-00		Yes	Inverter/Charger with build in Anti-Islanding
48	Studer	XTH 6000-48	Yes			2016/08/01		Primara Test-und Zertifizier-GmbH	16-093-00		Yes	Inverter/Charger with build in Anti-Islanding
49	Studer	XTH 5000-24	Yes			2016/08/01		Primara Test-und Zertifizier-GmbH	16-093-00		Yes	Inverter/Charger with build in Anti-Islanding
50	Sungrow	SG33KTL-M				2016/12/28		TUV SUD	D16 12 73342 152	Yes	Yes	Grid Tied Inverter
51	Sungrow	SG36KTL-M			Yes	2018/03/26		TUV SUD	D18 03 73342 197	Yes	Yes	Grid Tied Inverter

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52	Sungrow	SG40KTL-M			2016/12/28		TUV SUD	D16 12 73342 152	Yes	Yes	Grid Tied Inverter
53	Sungrow	SG60KTL	Yes		2017/03/14		TUV SUD	B 17 01 73342 156		Yes	Grid Tied Inverter
54	Sungrow	SG60KTL-S			2017/01/23		TUV SUD	B 17 01 73342 156		Yes	Grid Tied Inverter
55	Sungrow	SG80KTL		Yes	2018/03/05		Dekra, TUV Rheinland (IEC certification)	6025450.50 AOC	Yes	Yes	Grid Tied Inverter
56	Sungrow	SG80KTL-20			2018/07/25		TUV Rheinland	50 099 524 002	Yes	Yes	Grid Tied Inverter
57	Tesla	Powerwall 2		Yes	2018/03/22		Intertek				Inverter/Charger with build in Anti-Islanding
58	Victron	MultiPlus-11 48/3000/35-32		Yes	2019/08/22		Kiwa	18-320-01		Yes	Inverter up to 100kVA with Automatic Disconnection Device. Where Multiplus( not multiplus II ) and Quattro are being used,and external Anti-Islanding unit need to be installed to comply
59	Victron	MultiPlus-11 48/3000/35-32 GX		Yes	2019/08/22		Kiwa	18-320-01		Yes	Inverter up to 100kVA with Automatic Disconnection Device. Where Multiplus( not multiplus II ) and Quattro are being used,and external Anti-Islanding unit need to be installed to comply
60	Victron	MultiPlus-11 48/3000/35-34		Yes	2019/08/22		Kiwa	18-320-01		Yes	Inverter up to 100kVA with Automatic Disconnection Device. Where Multiplus( not multiplus II ) and Quattro are being used,and external Anti-Islanding unit need to be installed to comply

B Anti-Islanding											
b.1	Ziehl	Ziehl UFR1001E		Yes			Victron Energy Blue Power				States on Viktron webiste is compliant but we requested official certificate. <a href="http://www.ziehl.de">http://www.ziehl.de</a>

- RCMU Residual Current monitoring unit
- RCD Residual Current Device
- RCM Residual Current Monitoring
- SPD Surge Protection Device

**Notes**

1. Mes will not take any liability of any nature whatsoever arising out of the publication by it of this list or arising out of the selection by the user of a particulare device
2. The list is for information purposes only and the use thereof as a guideline for the selction of a device is at the ssole risk of the user
3. MES does not guarentee the functionality or suitability of any device listed on the list
4. NRS 097-2-1:2010 certification was only vaild 31 Desember 2018 and must therefor be SANAS re-certified in accordance with NRS097-2-1:2017
5. All grid tied Inverters must be equipped with a separate suitable interlocked change over switch as specified in the requirements for small scale Embedded generation (SSEG) document
6. International Standards IEC 61727 (Also in Specifiedgevat ook in ons NRS 097), en dan IEC 62116 (die toetsprosedure vir anti-islanding