



Product Service

Compliance Document

No. D 001965 0012 Rev. 00

Holder of Certificate: **Shenzhen Senergy Technology Co., Ltd**
Room 514-515
Building A, Co-talent Creative Park
No.2, LiuXian Road, Block 68, Xin'an Street, Bao'an District
518101 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
(PV grid-interactive inverter)

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. See also notes overleaf.

Test report no.: 64290193002801

Date, 2019-05-28



(Billy Qiu)



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Model(s): SE 1KTL-S1, SE 2KTL-S1, SE 2K5TL-S1, SE 3KTL-S1, SE 3K6TL-S1, SE 3KTL-D1, SE 3K6TL-D1, SE 4KTL-D1, SE 4K6TL-D1, SE 5KTL-D1, SE 6KTL-D1

Parameters:

Model:	SE 1KTL-S1	SE 2KTL-S1	SE 2K5TL-S1	SE 3KTL-S1	SE 3K6TL-S1
Maximum rated d.c. input voltage	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.
PV input MPPT operating voltage range	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.
Maximum operating PV input current	12.5 Ad.c.	12.5 Ad.c.	12.5 Ad.c.	12.5 Ad.c.	11 Ad.c.
Maximum total PV array s-c current	15 Ad.c.	15 Ad.c.	15 Ad.c.	15 Ad.c.	15 Ad.c.
a.c. output voltage range	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.
Nominal a.c. output frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Maximum continuous a.c. output current	4.8 Aa.c.	9.5 Aa.c.	11.9 Aa.c..	14.3 Aa.c..	17.2 Aa.c.
Nominal output active power Pn	1 kW	2 kW	2.5 kW	3 kW	3.6 kW
Power factor	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.
Protection class	I	I	I	I	I

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Model:	SE 3KTL-D1	SE 3K6TL-D1	SE 4KTL-D1	SE 4K6TL-D1	SE 5KTL-D1	SE 6KTL-D1
Maximum rated d.c. input voltage	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.
PV input MPPT operating voltage range	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.
Maximum operating PV input current	11 × 2 Ad.c.	11 × 2 Ad.c.	11 × 2 Ad.c.	11 × 2 Ad.c.	11 × 2 Ad.c.	11 × 2 Ad.c.
Maximum total PV array s-c current	15 × 2 Ad.c.	15 × 2 Ad.c.	15 × 2 Ad.c.	15 × 2 Ad.c.	15 × 2 Ad.c.	15 × 2 Ad.c.
a.c. output voltage range	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.
Nominal a.c. output frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Maximum continuous a.c. output current	14.3 Aa.c.	16.7 Aa.c.	19.1 Aa.c.	21.95 Aa.c.	23.8 Aa.c.	28.6 Aa.c.
Nominal output active power Pn	3 kW	3.68 kW	4.0 kW	4.6 kW	5.0 kW	6.0 kW
Power factor	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.	0.8 ind. ~ 0.8 cap.
Protection class	I	I	I	I	I	I

Tested according to:

IEC 61727(ed.2)
IEC 62116(ed.2)

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