



Product Service

Compliance Document

No. D 102650 0010 Rev. 00

Holder of Certificate: **Shanghai Sermatec Energy Technology Co.,Ltd.**
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JiaDing District
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PEOPLE'S REPUBLIC OF CHINA

Product: **Converter
(Hybrid 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.: 64290203012701

Date, 2020-03-31


(Billy Qiu)

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Model(s): **SMT-5K-TL-LV**

Parameters:

PV terminal	
Vmax. PV	580 Vd.c.
MPPT voltage range	125~550Vd.c.
Max. continuous PV input current	11/11 Ad.c.
Isc PV	14/14 Ad.c.
Max. continuous PV input power	6000W
Battery terminal parameter	
Battery type	Li-ion
Voltage range	40-58 Vd.c.
Rated voltage	48 Vd.c.
Maximum charge/discharge current	70/75 Ad.c.
Maximum charge/discharge power	3680/3680 W
Grid terminal parameter	
Rated voltage	230 Va.c.
Rated frequency	50 Hz
Rated input current	16 Aa.c.
Maximum continuous input current	16.8 Aa.c.
Maximum continuous input power	3680 W
Rated output current	16 Aa.c.
Maximum continuous output current	16.8 Aa.c.
Power factor (Cos phi), adjustable	0.8leading~0.8lagging
Maximum continuous output power	3680W
Backup load terminal parameter	
Rated voltage	230 Va.c.
Rated frequency	50 Hz
Rated output current	16 Aa.c.
Maximum continuous output current	16.8 Aa.c.
Maximum continuous output power	3680 W
General parameter	
Protective class	Class I
Overvoltage category	II(DC side), III(AC side)

Tested according to:

EN 50549-1:2019 (with Austrian national deviation of TOR Erzeuger Type A Version 1.0:2019)

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