Product Service

Compliance Document

No. D 102650 0003 Rev. 00

Holder of Certificate: **Shanghai Sermatec Energy Technology Co.,Ltd.**
Room 601-602, Block A, No.399, ZhongRen Road
JiaDing District
201802 Shanghai
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.: 64290190130301

Date, 2019-03-29 (Billy Qiu)

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Model(s): **SMT-10K-TL-TH**

Parameters:

Model	SMT-10K-TL-TH
PV input rating	
Rated input voltage	720Vd.c.
Max. input voltage	1000Vd.c.
MPPT voltage range	330-800Vd.c.
MPPT voltage range (full load)	550-800Vd.c.
Max. input current	2*11Ad.c.
PV short circuit current	2*14Ad.c.
Battery input/output rating	
Battery type	Lithium battery
Rated voltage	500Vd.c.
Battery voltage range	200V~800Vd.c.
Max. charging power	10kW
Max. charging current	25Ad.c.
Max. discharging power	10kW
Max. discharging current	25Ad.c.
Grid input rating	
Rated input voltage	3/N/PE, 400/230Va.c.
Rated grid frequency	50 Hz
Max. input power	10kW
Rated input current	14.5Aa.c.
Grid output rating	
Rated output apparent power	10kW
Rated output voltage	3/N/PE, 400/230Va.c.
Rated output current	14.5Aa.c.
Rated output frequency	50 Hz
Power factor	0.8 leading ~ 0.8 lagging
Load output rating	
Rated output apparent power	10kW
Rated output active power	10kW
Rated output voltage	3/N/PE, 400/230Va.c.
Rated output current	14.5Aa.c.
Rated output frequency	50 Hz

Tested according to: VDE-AR-N 4105:2018

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