



Product Service

Attestation of Conformity

No. N8A 102650 0004 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 Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance.
 It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 64290180474002

Date, 2019-05-13


 (Billy Qiu)

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

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

Parameters:

PV input rating	
Max. input power	13000W
Rated input voltage	720Vd.c.
Max. input voltage	1000Vd.c.
MPPT voltage range	330-800Vd.c.
MPPT voltage range (full load)	550-800
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 / 60 Hz
Max. input power	10kW
Rated input current	14.5Aa.c.
Max. input current	16.7Aa.c.
Grid output rating	
Rated output apparent power	10kW
Rated output voltage	3/N/PE, 400/230Va.c.
Rated output current	14.5Aa.c.
Max. output current	16.7Aa.c.
Rated output frequency	50 / 60 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.
Max. output current	16.7Aa.c.
Rated output frequency	50 / 60 Hz
General parameter	
Ingress protection rating	IP65
Ambient temperature range	-25°C ~60°C (>+45°C derating)
Protect class	CLASS I

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