



Product Service

Attestation of Conformity

No. N8A 124661 0004 Rev. 00

Holder of Attestation: **Zhejiang Inventronics New Energy Technology Co., Ltd.**

West Section 2nd Floor, South Building
Building 1, No.88, Huancheng South Road
Tonglu Economic Development Zone
Tonglu County
311500 Hangzhou City, Zhejiang Province
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 conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290233214301

Date, 2024-04-19

(Billy Qiu)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



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Model(s): **HHB-05K000CRLV**

Parameters:

Model	HHB-05K000CRLV
PV terminal	
Vmax PV	580 Vd.c.
MPPT Voltage Range	125~550 Vd.c.
Maximum continuous PV input current	13/13 Ad.c.
Isc PV	14/14 Ad.c.
Maximum continuous PV input power	6000 W
Battery terminal parameter	
Battery type	Li-ion
Voltage range	40-58 Vd.c.
Rated voltage	48 Vd.c.
Maximum charge/discharge current	70/100 Ad.c.
Maximum charge/discharge power	4200/4600 W
Grid terminal parameter	
Rated voltage	230 Va.c.
Rated frequency	50 Hz
Rated input Current	21.7 Aa.c.
Maximum continuous input current	22.7 Aa.c.
Maximum continuous input power	5000 W
Rated output Current	21.7 Aa.c.
Maximum continuous output current	22.7 Aa.c.
Power factor (Cos phi), adjustable	0.8leading~0.8lagging
Maximum continuous output power	5000 W
Backup load terminal parameter	
Rated voltage	230 Va.c.
Rated frequency	50 Hz

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Rated output Current	21.7 Aa.c.
Maximum continuous output current	22.8 Aa.c.
Maximum continuous output power	4600 W
General parameter	
Operating Temperature	-25°C to +60°C
Protective class	Class I
Overvoltage Category	II(DC side), III(AC side)
Ingress protection	IP65

**Tested
according to:**

EN 62109-1:2010
EN 62109-2:2011

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