



Product Service

Attestation of Conformity

No. T8A 124661 0001 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 in support of the Conformity Assessment Module A of Radio Equipment Directive 2014/53/EU. On the basis of the referenced test reports, the samples of the listed product were found to comply with the essential requirements of the above mentioned directive as implemented in the standards used valid at the time the tests were carried out. For the requirements of the Article(s) 3(2) and 3(3) only harmonized standards valid at the moment of issuing were used. The used standards cover the essential requirements of the Radio Equipment Directive as applicable to this product. The manufacturer must ensure compliance of the manufactured products with the technical documentation and other requirements of the Radio Equipment Directive that apply to them. National legal requirements have to be considered before bringing the product to the market. For details see: www.tuvsud.com/ps-cert

Test report no.: 64972223024301B**Date,** 2024-03-01

(Tony Liu)

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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.
Max. continuous PV input current	13/13 Ad.c.
Isc PV	14/14 Ad.c.
Max. 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	0.8 leading~0.8 lagging
Maximum continuous output power	5000 W
Backup load terminal parameter	
Rated voltage	230 Va.c.
Rated frequency	50 Hz
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

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Report No.:

64.972.22.30243.01B (EN 301 489-1 V2.2.3:2019, EN 301 489-17 V3.2.4:2020, EN IEC 61000-6-2:2019, EN IEC 61000-6-3:2021, EN IEC 61000-3-11:2019, EN 61000-3-12:2011, EN 300 328 V2.2.2:2019, EN 62311:2008)
 64.290.23.32143.01 (EN 62109-1:2010, EN 62109-2:2011)

Tested according to:

EN 300 328 V2.2.2:2019
 EN 301 489-1 V2.2.3:2019
 EN 301 489-17 V3.2.4:2020
 EN 62311:2008
 EN 62109-1:2010
 EN 62109-2:2011
 EN IEC 61000-6-2:2019
 EN IEC 61000-6-3:2021
 EN IEC 61000-3-11:2019
 EN 61000-3-12:2011

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