

# Compliance Document

No. D 124661 0006 Rev. 00

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

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Tonglu County  
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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. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290233214901

**Date,** 2024-03-18



( Billy Qiu )

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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	11/11 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 inductive(under-excited) to 0.8 capacitive(over-excited)
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	
Protective class	Class I
Overvoltage category	II(DC side), III(AC side)

**Tested  
according to:**

IEC 61727:2004  
IEC 62116:2014