

# Certificate of Conformity

No. ESY 117061 0008 Rev. 00

**Holder of Certificate:** **Shanghai Hoenergy Power Technology Co.,Ltd**

Building 1, 1888 Wangyuan Road  
Fengxian District  
201400 Shanghai  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Converter  
(Hybrid Solar Inverter)**

**Model(s):** **iINV-HB3-6.0KH, iINV-HB3-8.0KH,  
iINV-HB3-10.0KH, iINV-HB3-12.0KH,  
iINV-HB3-15.0KH**


**Parameters:** See page 2

**Applicable standards:** VDE-AR-N 4105:2018  
DIN VDE V 0124-100 (VDE V 0124-100):2020

This Certificate of Conformity confirms the compliance with the above listed standards on a voluntary basis. It refers only to the sample submitted to TÜV SÜD Product Service GmbH and does not certify the quality or safety of the serial products. It was issued according to TÜV SÜD Product Service certification program Photovoltaics and Grid Integration. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290223065001

**Date,** 2022-10-18



( Billy Qiu )

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**Parameters:**

Model	iINV-HB3-6.0KH	iINV-HB3-8.0KH	iINV-HB3-10.0KH	iINV-HB3-12.0KH	iINV-HB3-15.0KH
DC Link input Voltage range	1000 Vd.c.				
DC Link input maximum continuous current	2*13 Ad.c.				
DC Link input power	9000 W	12000 W	15000 W	18000 W	22500 W
Battery type	Lithium-ion				
Battery rated voltage	200 Vd.c.	250 Vd.c.	300 Vd.c.	350 Vd.c.	400 Vd.c.
Battery operating input voltage range	125~600 Vd.c.				
Max. Battery charging/discharge power	15000 W				
Max. Battery charging/discharge current	50 Ad.c.				
Maximum grid input apparent power	13200 VA	17600 VA	22000 VA	26400 VA	30000 VA
Rated grid input frequency	50 Hz				
Rated grid input voltage	230/400 Va.c., 3/N/PE				
Max. continuous grid input current	19 Aa.c.	25.5 Aa.c.	31.9 Aa.c.	38.2 Aa.c.	43.5 Aa.c.
Rated grid output active power	6000 W	8000 W	10000 W	12000 W	15000 W
Rated grid output apparent power	6600 VA	8800 VA	11000 VA	13200 VA	16500 VA
Maximum grid output apparent power	6600 VA	8800 VA	11000 VA	13200 VA	16500 VA
Max. active power PEmax	5999.1 W	7980.2 W	9987.6 W	11992.4 W	15004.9 W
Max. apparent power SEMax	6614.0 VA	8837.8 VA	11003.5 VA	13192.0 VA	16540.9 VA
Rated grid output frequency	50 Hz				
Rated grid output voltage	230/400 Va.c., 3W+N+PE				
Max. grid continuous output current	9.5 Aa.c.	12.7 Aa.c.	15.9 Aa.c.	19.1 Aa.c.	23.8 Aa.c.
Power factor	0.9 leading~0.9 lagging				
NS protection	Integrated NS protection with interface switch inside (iINV-HB3-6.0KH, iINV-HB3-8.0KH, iINV-HB3-10.0KH, iINV-HB3-12.0KH, iINV-HB3-15.0KH)				