

Compliance Document

No. D 117061 0009 Rev. 00

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

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Fengxian District
201400 Shanghai
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter
(Hybrid Solar 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

Test report no.: 64290233024001

Date, 2023-04-03



(Billy Qiu)

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Model(s): **iINV-HB1-3.0KL, iINV-HB1-3.6KL,
iINV-HB1-4.0KL, iINV-HB1-4.6KL,
iINV-HB1-5.0KL, iINV-HB1-6.0KL**

Parameters:

Model	iINV-HB1 -3.0KL	iINV-HB1 -3.6KL	iINV-HB1 -4.0KL	iINV-HB1 -4.6KL	iINV-HB1 -5.0KL	iINV-HB1 -6.0KL
DC Input terminal parameter						
Max. Input Power	4600 W		6000 W		7000 W	
Max. PV Voltage	550 Vd.c.					
MPPT Range	125V-500 Vd.c.					
Nominal Voltage	360 Vd.c.					
Max. Input Current	2*14 Ad.c.					
Isc PV	2*17.5 Ad.c.					
MPPT Tracker	2					
AC Grid Output terminal parameter						
Nominal Power	3000W	3680W	4000W	4600W	5000W	6000W
Max. Output apparent power	3000 VA	3680 VA	4000 VA	4600 VA	5000 VA	6000 VA
Max. Output Current	13 Aa.c.	16 Aa.c.	17.4 Aa.c.	20 Aa.c.	21.7 Aa.c.	26 Aa.c.
Nominal Voltage	230 Va.c.					
Nominal Frequency	50 Hz					
PF range	0.9 capacitive(over-excited) - 0.9 inductive(under-excited)					
Battery terminal parameter						
Battery Voltage Range	40~58 Vd.c.					
Max. Discharging/ Charging Voltage	58 Vd.c.					
Max. Charge/ Discharge Current	95 Ad.c./ 62.2 Ad.c.	95Ad.c./ 75Ad.c.	95Ad.c./ 83.3Ad.c.	95Ad.c./ 95.8Ad.c.	95Ad.c./ 104.2Ad.c.	95Ad.c./ 110Ad.c.
Maximum Charge power from PV to battery	3000 W	3600 W	4000 W	4600 W	5000 W	6000 W
Battery Type	Lithium					

Tested according to:

EN 50549-1:2019/AC:2019