

# Certificate of Conformity

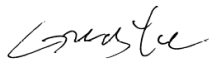
Certificate Number: CN-PV-220226

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

<b>Applicant:</b>	Shanghai Hoenergy Power Technology Co., LTD Building 1, 1888 Wangyuan Road, Fengxian District, Shanghai, P.R.China
<b>Product:</b>	Hybrid Solar Inverter
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	iINV-HB1-4.0KL, iINV-HB1-4.6KL, iINV-HB1-5.0KL, iINV-HB1-6.0KL
<b>Brand Name&lt;s&gt;:</b>	 <b>HOENERGY</b>
<b>Product Complies with:</b>	G99 Issue 1 Amendment 8, 1 September 2021 Requirements for the connection of generation equipment in parallel with public distribution networks
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2 <sup>nd</sup> Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China  Accredited by China National Accreditation Service for Conformity Assessment (CNAS C058-P) in accordance with ISO/IEC 17065:2012
<b>Test Report No.&lt;s&gt;:</b>	220906167GZU-002

Certification procedure: SMS-PV-OP-19  
Product certification scheme type: Type test

Additional information in Appendix.



**Signature**

**Certification Manager: Grady Ye**  
**Date: 21 October 2022**



中国认可  
国际互认  
产品  
PRODUCT  
CNAS C058-P

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220226.

MODEL	iINV-HB1-4.0KL	iINV-HB1-4.6KL	iINV-HB1-5.0KL	iINV-HB1-6.0KL
Max.DC input voltage	550Vdc			
MPPT voltage range	125~500Vdc			
Max.PV Isc	17.5A*2			
Rated battery voltage	40-58V			
Max.charging current	95A			
Max.discharging current	83.3A	95.8A	104.2A	110A
Rated grid voltage	230V,50/60Hz			
Rated output voltage	230V,50/60Hz			
Nominal output current	17.4A	20A	21.7A	26A
Power Factor	0.99 Leading – 0.99 lagging			
Nominal output power	4000W	4600W	5000W	6000W
Backup rated current	17.4A	20A	21.7A	26A
Backup rated apparent power	4KVA	4.6KVA	5KVA	6KVA
Ambient Temperature	-25~ +60°C			
Protection Degree	IP65			
Protection Class	Class I			
Inverter topology	Non-Isolated			
Oversvoltage Category	AC III, DC II			
safety firmware version:	V1.0			

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