

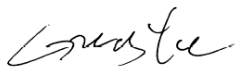
# Certificate of Conformity

Certificate Number: CN-PV-220225

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-HB1-3.0KL, iINV-HB1-3.6KL
<b>Brand Name&lt;s&gt;:</b>	 HOENERGY TOTAL YOUR ENERGY
<b>Product Complies with:</b>	G98 Issue 1 Amendment 6, 1 September 2021 Requirements for the connection of Fully Type Tested Micro-generators (up to and including 16 A per phase) in parallel with public Low Voltage 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 ACCREDIA in accordance with ISO/IEC 17065:2012
<b>Test Report No.&lt;s&gt;:</b>	220906167GZU-001

Additional information in Appendix.



**Signature**

**Certification Manager: Grady Ye**

**Date: 21 October 2022**



PRD N° 306B

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220225.

MODEL	iINV-HB1-3.0KL	iINV-HB1-3.6KL
Max.DC input voltage	550Vdc	
MPPT voltage range	125~500Vdc	
Max.PV Isc	17.5A*2	
Rated battery voltage	40V-58V	
Max.charging current	95A	
Max.Discharging current	62.5A	76.6A
Rated grid voltage	230V,50/60Hz	
Rated output voltage	230V,50/60Hz	
Nominal output current	13A	16A
Power Factor	0.99 Leading – 0.99 lagging	
Rated output power	3000W	3680W
Max.Backup current	13A	16A
Max.Backup apparent power	3KVA	3.68KVA
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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