

Certificate of Conformity

Certificate Number: CN-PV-230348

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.

Applicant:	Inhenergy Co., Ltd. 3/F & 4/F, Building 2, No. 35, Jinyuan 2nd Rd, Tangjiawan Town, Hi-Tech Zone, Zhuhai, China.
Product:	Hybrid Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	HI-3K-SL, HI-3.6K-SL
Brand Name<s>:	
Product Complies with:	G98 Issue 1 Amendment 7, 3 October 2022 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
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd 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
Test Report No.<s>:	230517019GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 16 June 2023



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230348

MODEL	HI-3K-SL	HI-3.6K-SL
PV String Input data		
Max. Recommended PV power (kW)	7	7
Max. DC voltage (V)	550	
Nominal voltage (V)	360	
MPPT working voltage range (V)	90~550	
Full load dc voltage range (V)	300~450	
Start Voltage/Minimum working voltage (V)	100/80	
Max. input Current of tracker A/tracker B (A)	15/15	
No. of independent MPP trackers/string per MPPT tracker	2/1	
AC Output Data (Grid)		
Rated AC output power (KW)	3	3.6
Max. AC output apparent Power (KVA)	3.3	4
Max. AC input apparent power (KVA)	6	7.2
AC output voltage	230V, L+N+PE	
Rated AC output frequency	50 Hz	
Rated AC output current (A)	13	15.6
Max. AC input current (A)	28	32
Power factor	±0.8	

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AC Output Data (Back-up)		
Max. AC output power (KVA)	3.3	4
Rated AC output power (KW)	3	3.6
Rated AC output voltage	230V, L+N+PE	
Rated AC output frequency	50 Hz	
Rated AC output current (A)	13	15.6
Max. AC input current (A)	28	32
Power factor	±0.8	
AC Output Data (Back-up)		
Max. AC output power (KVA)	3.3	4
Rated AC output power (KW)	3	3.6
Rated AC output voltage	230V, L+N+PE	
Battery data		
Battery Type	Li-ion /Lead-acid	
Nominal voltage (V)	48	
Battery voltage Range (V)	42~59	
Max. charging/discharging current (A)	80/80	80/80
Capacity of battery	25-2000AH	
General Data		
Operating temperature range	-25 °C~ +60 °C	
Environmental Protection	IP65	
Firmware version	HI 1.0	

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