


Test Verification of Conformity

Verification Number: 230227089GZU-VOC001

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. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

Applicant Name & Address:	Inhenergy Co, Ltd. 3/F & 4/F, Building 2, No. 35, Jinyuan 2nd Rd, Tangjiawan Town, Hi-Tech Zone, Zhuhai, China.
Product Description:	Hybrid inverter
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	HI-6K-SL
Brand Names:	
Specification<s>/Standards:	IEC61683:1999 Photovoltaic systems – Power conditioners – Procedure for measuring efficiency
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch. Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China
Date of Tests:	28 Feb 2023 – 01 Mar 2023
Test Report Number(s):	230227089GZU-001
Additional information in Appendix.	



Signature

Name: Tommy Zhong

Position: Technical Manager

Date: 07 Mar 2023

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 230227089GZU -VOC001.

Model	HI-6K-SL
Input data	
Max. Input voltage	550Vdc
MPPT voltage range	90V-550 Vdc
Max. MPPT input current	15A*2
PV Isc	18A*2
Output data	
Rated output power	6000W
Max. apparent power	6600VA
Nominal output voltage	L/N/PE 230Vac
Max. output current	29A
Nominal output frequency	50/60 Hz
Stand alone data	
Nominal output voltage	L/N/PE 230Vac
Nominal output frequency	50/60 Hz
Nominal output current	26A
Rated apparent power	6000VA
Battery	
Battery rated voltage	48Vdc
Battery voltage range	42~59Vdc
Battery Max. charge current	100A dc
Battery type	Li-ion or Lead-acid
General Data	
Power factor range	0.8Leading ~ 0.8Lagging
Safety level	Class I
Ingress protection	IP65
Operation ambient temperature	-25 °C - +60 °C
Software version	HI1.0



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