



Test Verification of Conformity

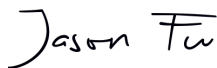
Verification Number: 210707081GZU-VOC001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the regulation(s) listed on this verification at the time the tests were carried out. Other standards and Regulations may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant  mark regulations are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	JMHing Power Ltd Unit 5, Tower House Lane Industrial Estate, Tower House Lane, Hedon Road, Hull, HU12 8EE, United Kingdom
Product Description:	PV Hybrid inverter
Ratings & Principle Characteristics:	See Appendix to Certificate of Conformity
Models/Type References:	HY5.0, HY3.6
Brand Name:	
Relevant Standards/Regulations:	IEC/EN 62109-1:2010 (First Edition) Safety of Power Converter for use in Photovoltaic Power Systems Part 1: General requirements IEC/EN 62109-2:2011 Safety of Power Converter for use in Photovoltaic Power Systems Part 2: Particular requirements for inverters
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:	20 Apr 2021-15 Aug 2021
Test Report Number(s):	210420074GZU-001

Additional information in Appendix.



Signature

Name: Jason Fu

Position: Supervisor

Date: 25 August 2021

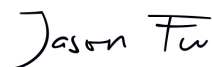
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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 210420074GZU-VOC001

Ratings & Principle Characteristics:

Model	HY3.6	HY5.0
Input Date (PV)		
Max. PV array open-circuit Voltage	600Vd.c	
Max. total PV array short-circuit circuit	2*20Ad.c	
Max. operating PV input current	2*11Ad.c	
PV input operating voltage range	120~600Vd.c	
MPPT input operating voltage range	120~550Vd.c	
Number of independent MPP input	2	
Output Date (AC)		
Nominal AC output Power	3600W	5000W
AC nominal voltage	230Va.c	
AC grid frequency	50Hz	
Max. output current	16Aa.c	22.8Aa.c
Power factor (Full load)	>0.99	
Backup terminal parameter (AC)		
Nominal AC output Power	3600W	
AC nominal voltage	230Va.c	
AC grid frequency	50Hz	
Max. output current	16Aa.c	
Battery		
Battery Type	Lead-acid or Li-ion	
Normal voltage	48V	
Operating voltage range	46.7~57.6V	
Max. charging current	65Ad.c	
Max. discharging current	81Ad.c	
Max. charging Power	3600W	
Max. discharging Power	3600W	
General Date		
IP Degree	IP65	
Protect class	I	
Operation temp.	-25°C to +60°C	
Software version	M3: A8.00, DSP: D8.00	



Signature

Name: Jason Fu

Position: Supervisor

Date: 26 August 2021

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