

Certificate of Conformity

Certificate Number: CN-PV-210254

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.

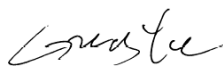
Applicant:	JMHing Power Ltd Unit 5, Tower House Lane Industrial Estate, Tower House Lane, Hedon Road, Hull, HU12 8EE, United Kingdom
Product:	PV Hybrid inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	HY5.0, HY3.6
Brand Name<s>:	
Tested according to:	EN 50549-1: 2019, Requirements for generating plants to be connected in parallel with distribution networks Part 1: Connection to a LV distribution network - Generating plants up to and including Type B Type approval for type B
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd 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
Test Report No.<s>:	210420073GZU-001

According to Annex H of the standard EN 50549-1:2019, generating plants compliant with the clauses of this European Standard are considered to be compliant with the relevant Article of COMMISSION REGULATION (EU) 2016/631, provided, that all settings as provided by the DSO and the responsible party are complied with.

Certification procedure: SMS-PV-OP-19

Product certification scheme type: Type test

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 04 November 2021



中国认可
国际互认
产品
PRODUCT
CNAS C058-P

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-210254.

Model	HY3.6	HY5.0
Input Data (PV)		
Max. PV array open-circuit Voltage	600Vd.c	
Max. total PV array short-circuit current	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 Data (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 Data		
IP Degree	IP65	
Protect class	I	
Operation temp.	-25°C to +60°C	
Software version	M3: A8.00, DSP: D8.00	

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