

Certificate of Conformity

Certificate Number: 180802157GZU-001

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 ;

Applicant Name & Address:	JMHing Power Ltd Unit 10, Kelleythorpe Industrial Estate, Driffield, YO25 9DJ, United Kingdom
Product Description:	Hybrid Inverter
Ratings & Principle Characteristics:	See Annex to Test Certificate of Conformity
Models:	Giv-AC3.0, Giv-AC2.0
Relevant Standards	EN 50438: 2013, Requirements for micro-generating plants to be connected In parallel with public low-voltage distribution networks Type approval for Ireland
Certificate Issuing Office:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China
Date of Tests:	10 Aug 2018 – 12 Aug 2018
Test Report Number(s):	180802157GZU-001

Additional information in Appendix.

Helen Ma

Signature

Name: Helen Ma
Position: Manager
Date: 31 Oct 2018

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APPENDIX: Certificate of Conformity

This is an Annex to Certificate of Conformity with Verification/Report Number(s): 180802157GZU-001. The issuing office is Intertek Legal Entity as above.

Ratings and principal characteristics

Model: Giv-AC3.0
 Output/Input Data (AC)
 Nominal AC power: 3000W
 AC Nominal voltage: 230Va.c.
 AC grid frequency:50Hz
 Max.current:14.3Aa.c.
 Power factor : 0.8 Leading ~ 0.8 Lagging
 Backup terminal parameter (AC)
 Nominal AC output power:3000W
 AC nominal voltage:230Va.c,
 AC grid frequency: 50Hz
 Max. output current: 14.3Aa.c
 Battery
 Battery Type: Lead-acid or Li-ion
 Nominal voltage: 48V
 Operating voltage range: 46-58V
 Max. Charging Current: 60Ad.c.
 Max. Discharging Current: 60Ad.c.
 Max. Charging & Discharging Power: 3000W
 Ingress Protection: IP 65
 Protective Class: I
 Operating temperature range: -25 — +60°C
 Software Version: D4-A4

Model: Giv-AC2.0
 Output/Input Data (AC)
 Nominal AC power: 2000W
 AC Nominal voltage: 230Va.c.
 AC grid frequency:50Hz
 Max.current:9.5Aa.c.
 Power factor : 0.8 Leading ~ 0.8 Lagging
 Backup terminal parameter (AC)
 Nominal AC output power:2000W
 AC nominal voltage:230Va.c,
 AC grid frequency: 50Hz
 Max. output current: 9.5Aa.c
 Battery
 Battery Type: Lead-acid or Li-ion
 Nominal voltage: 48V
 Operating voltage range: 46-58V
 Max. Charging Current: 40Ad.c.
 Max. Discharging Current: 40Ad.c.
 Max. Charging & Discharging Power: 2000W
 Ingress Protection: IP 65
 Protective Class: I
 Operating temperature range: -25 — +60°C
 Software Version: D4-A4

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