ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

Compliance Document

No. D 099296 0003 Rev. 00

Holder of Certificate: **Jmhing Power Limited**
Unit 10, Kellythorpe Industrial Estate
Driffield, YO25 9DJ
UNITED KINGDOM

Product: **Converter**
(Solar hybrid inverter)

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. See also notes overleaf.

Test report no.: 64290180228201

Date, 2018-07-24 (Billy Qiu)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

A4 / 07.17

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Model(s): **Giv-HY3.6, Giv-HY5.0**

Parameters:

Model:	Giv-HY3.6	Giv-HY5.0
PV input rating		
Maximum input voltage	600 Vd.c.	600 Vd.c.
MPPT voltage range	120 Vd.c. – 550 Vd.c.	120 Vd.c. – 550 Vd.c.
Maximum operating PV input current	2 × 11 Ad.c.	2 × 11 Ad.c.
Maximum PV short circuit current	2 × 20 Ad.c.	2 × 20 Ad.c.
Battery input/output rating		
Battery type	Lead-acid or Li-ion	Lead-acid or Li-ion
Rated voltage	48 Vd.c.	48 Vd.c.
Battery voltage range	46-58 Vd.c.	46-58 Vd.c.
Maximum charging power	2500 W	2500 W
Maximum charging current	50 A d.c.	50 A d.c.
Maximum discharging power	2500 W	2500 W
Maximum discharging current	50 A d.c.	50 A d.c.
AC input rating		
Maximum input apparent power	2500 VA	2500 VA
Maximum input active power	2500 W	2500 W
Rated input voltage	230 Va.c.	230 Va.c.
Rated input current	11.4 Aa.c.	11.4 Aa.c.
Maximum input current	15 Aa.c.	15 Aa.c.
Rated input frequency	50 Hz	50 Hz
AC output rating		
Rated output voltage	230 Va.c.	230 Va.c.
Rated output frequency	50 Hz	50 Hz
Maximum continuous output current	16 Aa.c.	22.8 Aa.c.
Rated output active power	3600 W	5000 W
Rated output apparent power	3600 VA	5000 VA
Power factor	0.8 leading to 0.8 lagging	0.8 leading to 0.8 lagging

Tested according to: EN 50438:2013
(with national deviation setting of Annex A:IE-Ireland)

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