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

Product Service

Compliance Document

No. D 099296 0008 Rev. 00

Holder of Certificate: **JMHing Power Ltd**
Unit 5
Tower House Lane Industrial Estate
Tower House Lane, Hedon Road
Hull, HU12 8EE
UNITED KINGDOM

Product: **Converter**
(PV 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. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290223018001

Date, 2022-04-28

(Billy Qiu)

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Model(s): **HY2.5, HY3.6**

Parameters:

Model:	HY2.5	HY3.6
PV parameter		
Maximum PV array open-circuit voltage	600 Vd.c.	600 Vd.c.
Maximum total PV array short-circuit current	2×20 Ad.c.	2×20 Ad.c.
Maximum operating PV input current	2×11 Ad.c.	2×11 Ad.c.
PV input operating voltage range	100-600 Vd.c.	100-600 Vd.c.
MPPT input operating voltage range	120-550 Vd.c.	120-550 Vd.c.
MPPT trackers / strings	2	2
Grid output parameter		
Max AC output power	2500 W	3600W
AC nominal voltage	230 Va.c.	230 Va.c.
AC grid frequency	50 Hz	50 Hz
Max. output current	11.4 Aa.c.	16 Aa.c.
Power factor	0.8 leading … 0.8 lagging	0.8 leading … 0.8 lagging
Backup output parameter		
Nominal AC output power	2500 W	2500 W
AC nominal voltage	230 Va.c.	230 Va.c.
AC grid frequency	50 Hz	50 Hz
Max. output current	11.4 Aa.c.	11.4 Aa.c.
Battery parameter		
Battery type	Lead-acid or Li-ion	Lead-acid or Li-ion
Nominal voltage	48 Vd.c.	48 Vd.c.
Operating voltage range	46-58 Vd.c.	46-58 Vd.c.
Max. charging current	50 Ad.c.	50 Ad.c.
Max. discharging current	50 Ad.c.	50 Ad.c.
Max. charging power	2500 W	2500 W
Max. discharging power	2500 W	2500 W

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Tested according to: G98/NI:2019

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