



Product Service

Compliance Document

No. D 099296 0004 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. See also notes overleaf.

Test report no.: 64290193018801

Date, 2019-07-12


(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 V d.c.	600 V d.c.
Maximum total PV array short-circuit current	2×20 A d.c.	2×20 A d.c.
Maximum operating PV input current	2×11 A d.c.	2×11 A d.c.
PV input operating voltage range	100-600 V d.c.	100-600 V d.c.
MPPT input operating voltage range	120-550 V d.c.	120-550 V d.c.
MPPT trackers / strings	2	2
Grid output parameter		
Max AC output power	2500 W	3600W
AC nominal voltage	230 V a.c.	230 V a.c.
AC grid frequency	50 Hz	50 Hz
Max. output current	11.4 A a.c.	16 A a.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 V a.c.	230 V a.c.
AC grid frequency	50 Hz	50 Hz
Max. output current	11.4 A a.c.	11.4 A a.c.
Battery parameter		
Battery type	Lead-acid or Li-ion	Lead-acid or Li-ion
Nominal voltage	48 V d.c.	48 V d.c.
Operating voltage range	46-58 V d.c.	46-58 V d.c.
Max. charging current	50 A d.c.	50 A d.c.
Max. discharging current	50 A d.c.	50 A d.c.
Max. charging power	2500 W	2500 W
Max. discharging power	2500 W	2500 W

Tested according to:

G98/1-4:2019