

# Compliance Document

No. D 099296 0009 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290223017901

**Date,** 2022-05-24



( Billy Qiu )

# Compliance Document

No. D 099296 0009 Rev. 00

**Model(s):** HY4.6, HY5.0

## Parameters:

Model:	HY4.6	HY5.0
PV input 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	2	2
Grid input/output parameter		
Max AC input/output power	4600 W	5000W
AC nominal voltage	230 Va.c.	230 Va.c.
AC grid frequency	50 Hz	50 Hz
Max. input/output current	21.0 Aa.c.	22.8 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 input/output 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



# Compliance Document

No. D 099296 0009 Rev. 00

**Tested  
according to:**

G99/NI:2019