

Compliance Document

No. D 117310 0014 Rev. 00

Holder of Certificate: **Myenergi Ltd**
Pioneer Business Park, Faraday Way
Grimsby, DN41 8FF
UNITED KINGDOM

Product: **Converter**
(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.: 64290233095501

Date, 2023-07-20



(Billy Qiu)

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Model(s): LIBBI-HS3680, LIBBI-HS5000

Parameters:

Model	LIBBI-HS3680	LIBBI-HS5000
PV terminal		
Vmax. PV	580Vd.c.	
Rate Voltage	400Vd.c.	
MPPT Voltage Range	80-560Vd.c.	
MPPT Voltage Range (full load)	165 ~ 520Vd.c.	210 ~ 520Vd.c.
MPPT Tracker number	2	
Max. continuous PV input current per tracker	15Ad.c.	
Isc PV per tracker	18Ad.c.	
Max. continuous PV input power	4800W	6500W
Battery terminal		
Battery type	Lithium or lead-acid batteries	
Voltage range	40~60Vd.c.	
Rated voltage	48Vd.c.	
Maximum charge/discharge current	50Ad.c./80Ad.c.	100Ad.c./100Ad.c.
Maximum charge/discharge power	3000W/4000W	4600W/5000W
Grid terminal parameter		
Rated voltage	230Va.c.	
Rated frequency	50Hz	
Rated input Current	31Aa.c.	
Maximum continuous input current	32Aa.c.	
Maximum continuous input power	7360VA	
Rated output Current	16Aa.c.	22Aa.c.
Maximum continuous output current	16Aa.c.	22Aa.c.
Power factor (Cos phi), adjustable	0.8 leading~0.8 lagging	
Maximum continuous output power	3680VA	5000VA
Back up load terminal parameter		
Rated voltage	230Va.c.	
Rated frequency	50Hz	
Rated output Current	16Aa.c.	20Aa.c.
Maximum continuous output current	16Aa.c.	20Aa.c.
Rated continuous output power	3680W	4600W
Maximum output apparent power	4000VA	5000VA

**Tested
according to:**

C10/11:2021