

# Compliance Document

No. D 117310 0013 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290223094301

**Date,** 2022-09-07



( Billy Qiu )

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

## Parameters:

Power generation unit  
 Manufacturer: Myenergi Ltd  
 Power generation unit type: Inverter

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/4600W
Grid terminal parameter		
Rated voltage	230Va.c.	
Rated frequency	50Hz	
Rated input Current	20Aa.c.	
Maximum continuous input current	20Aa.c.	
Maximum continuous input power	4600VA	
Rated output Current	16Aa.c.	20Aa.c.
Maximum continuous output current	16Aa.c.	20Aa.c.
Power factor (Cos phi), adjustable	0.95 leading ~ 0.95 lagging	
Maximum continuous output power	3680VA	4600VA
PEmax, max. active power	3674W	4593W
SEmax, max apparent power	3676VA	4595VA
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	4600VA

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NS protection  
Manufacturer: Myenergi Ltd  
NS protection type: LIBBI-HS3680, LIBBI-HS5000

Remark: The power generation unit(s) and network and system protection designated above meet the requirements of Network connection rule VDE-AR-N 4105 according to test requirement DIN VDE V 0124-100 (VDE V 0124-100). Test report of E.5 and E.7 of VDE-AR-N 4105 are provided on technical report No.: 64.290.22.30943.01

**Tested  
according to:**

VDE-AR-N 4105:2018  
DIN VDE V 0124-100:2020