



Product Service

Compliance Document

No. D 083373 0058 Rev. 00

Holder of Certificate: **JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO., LTD.**

No. 90 Zijin Road
New District
215011 Suzhou
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter
AC-Coupled Inverter with storage battery
system**

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.: 64290203018301

Date, 2020-03-27


(Zhengdong Ma)



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Model(s):**Inverter models: GW5000S-BP, GW3600S-BP****Battery models:****PYLONTECH: US2000**

Parameters:

Parameters of AC-Coupled Inverter:

Model	GW5000S-BP	GW3600S-BP
Battery input/output ratings		
Nominal battery voltage	48 Vd.c.	48 Vd.c.
Nominal battery voltage range	40 Vd.c. - 60 Vd.c.	40 Vd.c. - 60 Vd.c.
Max. charging current	100 Ad.c.	75 Ad.c.
Max. discharging current	100 Ad.c.	75 Ad.c.
Grid input ratings		
Nominal input voltage	230 Va.c.	230 Va.c.
Nominal input frequency	50 Hz	50 Hz
Max. input apparent power	9200 VA	7360 VA
Max. input current	40 Aa.c.	32 Aa.c.
Grid output ratings		
Nominal output active power	4600 W	3680 W
Max. output apparent power	5100 VA	4050 VA
Nominal output voltage	230 Va.c.	230 Va.c.
Rated output current	22,8 Aa.c.	16 Aa.c.
Max. output current	22,8 Aa.c.	18 Aa.c.
Nominal output frequency	50 Hz	50 Hz
Power factor	0,9 leading – 0,9 lagging	0,9 leading – 0,9 lagging
AC output ratings (back-up)		
Max. output apparent power	5000 VA	3680 VA
Nominal output voltage	230 Va.c.	230 Va.c.
Max. output current	22,8 Aa.c.	16 Aa.c.
Nominal output frequency	50 Hz	50 Hz
Non-electrical parameters		
Inverter topology	High-frequency transformer isolated	High-frequency transformer isolated
Operating temperature range	-25...60°C	-25...60°C
Protective class	Class I	Class I
Ingress protection	IP65	IP65
Overvoltage category	III(AC)	III(AC)



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Battery and CUS information:

Battery		Capacity of storage system	
Model	Manufacturer	Capacity of per battery module (kWh)	Number(s) of battery module recommended
US2000	Pylon Technologies Co., Ltd.	2,4	1 - 5

TYPE OF APPARATUS:

DISCONNECTION DEVICE	INTERFACE PROTECTION DEVICE	DEVICE FOR STATIC CONVERSION	ROTATING GENERATOR DEVICE
X	X	X	

Manufacturer: JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO., LTD.

Apparatus type: AC-Coupled Inverter

Model: GW5000S-BP, GW3600S-BP

Firmware version: 0707A

Number of phase: 1

Nominal power: See above tables for each model

Having assessed the test report:

64.290.20.30183.01 dated 24.03.2020

**Tested
according to:**

CEI 0-21:2019