

Compliance Document

No. D 083373 0079 Rev. 00

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

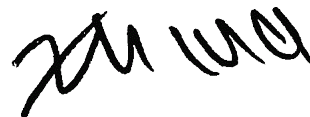
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Product: **Converter**
AC coupled energy inverter with storage battery system

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. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092105208-00

Date, 2021-07-08



(Zhengdong Ma)

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Model(s): AC coupled inverter: GW5000S-BP, GW3600S-BP
Storage battery system: Lynx Home U Series (LV) storage

Parameters:

AC coupled energy inverter with storage battery system:		
1) Storage battery system parameters:		
Battery Type	Li-ion	
Model	Manufacturer	Piece(s) of battery module
LX U5.4-L	JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO., LTD.	1-6
BMS firmware version	V1.06	
2) AC-coupled inverter parameters:		
Inverter model name	GW5000S-BP, GW3600S-BP	
a) Battery input:		
Battery voltage range	d.c. 40-60V	
Nominal battery voltage	d.c. 48V	
Max. charge/discharge current	d.c. 75A/75A (GW3600S-BP) d.c. 100A/100A (GW5000S-BP)	
b) AC-output (grid side):		
Rated output voltage	a.c. 230V	
Rated output frequency	50Hz	
Rated output power	3600W (GW3600S-BP) 4600W (GW5000S-BP)	
Max. apparent output power	4050VA (GW3600S-BP) 5100VA (GW5000S-BP)	
Max. output current	a.c. 16A (GW3600S-BP) a.c. 22.8 (GW5000S-BP)	
Displacement factor	-0.9...1...+0.9	

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AC coupled energy inverter with storage battery system:	
c) AC-output (back-up):	
Rated output voltage	a.c. 230V
Rated output frequency	50Hz
Rated output power	3600W (GW3600S-BP) 5000W (GW5000S-BP)
Rated output current	a.c. 16A (GW3600S-BP) a.c. 21.7A (GW5000S-BP)
d) AC-input	
Rated voltage	a.c. 230V
Rated output frequency	50Hz
Current (Maximum continuous)	a.c. 32A (GW3600S-BP) a.c. 40A (GW5000S-BP)
e) Other parameters:	
Protection class:	I
Degree of protection:	IP65
Overvoltage category:	II (DC), III (AC)
Ambient temperature:	-25°C...+60°C
Firmware version	0707A

Tested according to:

CEI 0-21:2019/V1:2020