

Compliance Document

No. D 083373 0061 Rev. 01

Holder of Certificate: **GoodWe Technologies Co., Ltd.**

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PEOPLE'S REPUBLIC OF CHINA

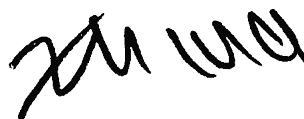
Product:

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.: 704092001917-01

Date, 2021-11-30



(Zhengdong Ma)

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Model(s):

AC coupled energy inverter: GW5000S-BP, GW3600S-BP

Storage battery system: LG: RESU 6.5, RESU 10, RESU 12, RESU 13

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 recommended
RESU 6.5	LG Chem, Ltd	1
RESU 10	LG Chem, Ltd	1
RESU 12	LG Chem, Ltd	1
RESU 13	LG Chem, Ltd	1
BMS firmware version	V1.7.3.5	
2) Hybrid 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) 5000W (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	3680W (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 (PV), III (MAINS)
Ambient temperature:	-25°C...+60°C
Firmware version	03034

DISPOSITIVO DI INTERFACCIA Interface Device	PROTEZIONE DI INTERFACCIA Interface Protection Device	DISPOSITIVO DI CONVERSIONE STATICA Static Conversion Device	DISPOSITIVO DI GENERAZIONE TOTANTE Rotating Device
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Tested according to:

CEI 0-21:2019