

Compliance Document

No. D 083373 0059 Rev. 00

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

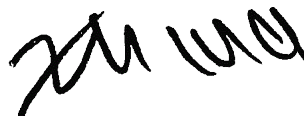
No. 90 Zijin Road
New District
215011 Suzhou
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
Hybrid Inverter
AC-Coupled 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.: 704092001909-00

Date, 2020-07-01



(Zhengdong Ma)

Compliance Document

No. D 083373 0059 Rev. 00

Model(s):

Hybrid Inverter type:

GW3600-EH, GW5000-EH, GW6000-EH

AC-Coupled Inverter type:

GW3600-BH, GW5000-BH, GW6000-BH

Parameters:

Hybrid Inverter			
Model name	GW3600-EH	GW5000-EH	GW6000-EH
PV input parameters:			
Vmax PV	580 Vd.c.	580 Vd.c.	580 Vd.c.
Isc PV	15.2/15.2Ad.c.	15.2/15.2Ad.c.	15.2/15.2Ad.c.
MPPT voltage range	100 - 550 Vd.c.	100 - 550 Vd.c.	100 - 550 Vd.c.
Max. input current	12.5/12.5Ad.c.	12.5/12.5Ad.c.	12.5/12.5Ad.c.
Battery data parameters:			
Battery Type	Li-Ion		
Voltage range	85 - 450Vd.c.	85 - 450Vd.c.	85 - 450Vd.c.
max. charge current	25Ad.c.	25Ad.c.	25Ad.c.
max. discharge current	25Ad.c.	25Ad.c.	25Ad.c.

Compliance Document

No. D 083373 0059 Rev. 00

Hybrid Inverter			
Model name	GW3600-EH	GW5000-EH	GW6000-EH
AC-Output (Back-up) parameters:			
Rated voltage	230V	230V	230V
Frequency	50Hz	50Hz	50Hz
Max. apparent power	3600 VA	5000 VA	6000 VA
Max. output current	15.7Aa.c.	21.7Aa.c.	26.1Aa.c.
AC-Output (Grid Side) parameters:			
Rated grid voltage	230V	230V	230V
Rated grid frequency	50Hz	50Hz	50Hz
Max. apparent output power	3600 VA	5000 VA	6000 VA
Max. output current	16Aa.c.	21.7Aa.c.	26.1Aa.c.
Displacement factor	0.8cap...0.8ind	0.8cap...0.8ind	0.8cap...0.8ind
AC input parameters:			
Rated voltage	230 V	230 V	230 V
Rated frequency	50Hz	50Hz	50Hz
Max. current from grid	32Aa.c.	43.4Aa.c.	52.2Aa.c.
Max. apparent power from grid	7200 VA	10000 VA	12000 VA
Others:			
Protective class	Class I		
Inverter topology	Non-isolated		
Operation temperature range	-35...60°C		
Ingress protection	IP65		
Overvoltage -category	DCII, ACIII		

Compliance Document

No. D 083373 0059 Rev. 00

AC-Coupled Inverter			
Model name	GW3600-BH	GW5000-BH	GW6000-BH
Battery data parameters:			
Battery Type	Li-Ion		
Voltage range	85 - 450Vd.c.	85 - 450Vd.c.	85 - 450Vd.c.
max. charge current	25Ad.c.	25Ad.c.	25Ad.c.
max. discharge current	25Ad.c.	25Ad.c.	25Ad.c.
AC-Output (Back-up) parameters:			
Rated voltage	230V	230V	230V
Frequency	50Hz	50Hz	50Hz
Max. apparent power	3600 VA	5000 VA	6000 VA
Max. output current	15.7Aa.c.	21.7Aa.c.	26.1Aa.c.
AC-Output (Grid Side) parameters:			
Rated grid voltage	230V	230V	230V
Rated grid frequency	50Hz	50Hz	50Hz
Max. apparent output power	3600 VA	5000 VA	6000 VA
Max. output current	16Aa.c.	21.7Aa.c.	26.1Aa.c.
Displacement factor	0.8cap...0.8ind	0.8cap...0.8ind	0.8cap...0.8ind
AC input parameters:			
Rated voltage	230 V	230 V	230 V
Rated frequency	50Hz	50Hz	50Hz
Max. current from grid	32Aa.c.	43.4Aa.c.	52.2Aa.c.
Max. apparent power from grid	7200 VA	10000 VA	12000 VA

Compliance Document

No. D 083373 0059 Rev. 00

AC-Coupled Inverter			
Model name	GW3600-BH	GW5000-BH	GW6000-BH
Others:			
Protective class	Class I		
Inverter topology	Non-isolated		
Operation temperature range	-35...60°C		
Ingress protection	IP65		
Overvoltage -category	DC II, AC III		

**Tested
according to:**

EN 50549-1:2019/AC:2019