



Product Service

Attestation of Conformity

No. N8A 083373 0044 Rev. 00

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

No. 189 Kun Lun Shan Road
Suzhou New District
215163 Suzhou, Jiangsu
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter
Hybrid Inverter**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 704091905207-00

Date, 2019-05-14


(Zhengdong Ma)

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

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Model(s): GW3600-EH, GW5000-EH, GW6000-EH

Parameters:

Model name	GW3600-EH	GW5000-EH	GW6000-EH
PV input			
Max. PV-generator power	4800W	6650W	8000W
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			
Battery Type	Li-Ion		
Battery voltage range	85 - 450Vd.c.	85 - 450Vd.c.	85 - 450Vd.c.
Battery max. charge current	25Ad.c.	25Ad.c.	25Ad.c.
Battery max. discharge current	25Ad.c.	25Ad.c.	25Ad.c.

AC-Output (Back-up)			
Back-up rated voltage	230V	230V	230V
Back-up frequency	50/60Hz	50/60Hz	50/60Hz
Back-up max.apparent power	3600 VA	5000 VA	6000 VA
Back-up max.output current	15.7Aa.c.	21.7Aa.c.	26.1Aa.c.
AC-Output(Grid Side)			
Rated grid voltage	230V	230V	230V
Rated grid frequency	50/60Hz	50/60Hz	50/60Hz
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

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AC input			
Rated voltage	230 V	230 V	230 V
Rated frequency	50/60Hz	50/60Hz	50/60Hz
Max. current from Grid	32Aa.c.	43.4Aa.c.	52.2Aa.c.
Max. apparent power from Grid	7200 VA	10000 VA	12000 VA
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 62109-1:2010
EN 62109-2:2011

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