



Product Service

Compliance Document

No. D 17 05 83373 020

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

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Suzhou New District
215163 Suzhou, Jiangsu
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter
Grid-Tied PV 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. See also notes overleaf.

Test report no.: 704091705302-00



Date, 2017-05-22


(Zhengdong Ma)

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Model(s): **GW1000-NS, GW1500-NS, GW2000-NS,
 GW2500-NS, GW3000-NS.**

Parameters:

Max. PV-generator power:	1300 W (GW1000-NS) 1950 W (GW1500-NS) 2600 W (GW2000-NS) 3250 W (GW2500-NS) 3900 W (GW3000-NS)
Vmax PV:	500 Vd.c.
Isc PV:	12,5 Ad.c. (GW1000-NS, GW1500-NS, GW2000-NS) 22,5 Ad.c. (GW2500-NS, GW3000-NS)
Rated DC voltage:	360 Vd.c.
MPPT voltage range:	80... 450 Vd.c.
Max. DC current:	10 Ad.c. (GW1000-NS, GW1500-NS, GW2000-NS) 18 Ad.c. (GW2500-NS, GW3000-NS)
Rated grid voltage:	230 V~
Rated current:	5 Aa.c. (GW1000-NS) 7,5 Aa.c. (GW1500-NS) 10 Aa.c. (GW2000-NS) 12,5 Aa.c. (GW2500-NS) 13,5 Aa.c. (GW3000-NS)
AC-grid frequency:	50 Hz
Rated apparent power:	1 kVA (GW1000-NS) 1,5 kVA (GW1500-NS) 2 kVA (GW2000-NS) 2,5 kVA (GW2500-NS) 3 kVA (GW3000-NS)
Inverter topology:	Non-isolated
Power factor range:	Default > 0,99 0,8cap... 0,8ind(adj.)
Operating temperature range:	-25°C... + 60°C
AC Overvoltage-category:	III
DC Overvoltage-category:	II
Protective class:	I
Ingress protection:	IP65

Tested according to: IEC 61727:2004
 IEC 62116:2014