



Product Service

# Compliance Document

No. D 15 04 83373 011

**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  
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.:** 704091503805-00



**Date,** 2015-04-09

  
( Zhengdong Ma )

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**Model(s):** **GW3648S-ES, GW3648D-ES, GW4248D-ES, GW5048D-ES.**

**Parameters:**

Vmax PV:	580 Vdc
MPPT voltage range:	125 ... 550 Vdc
Max. DC current:	2 x 15 Adc (GW3648D-ES, GW4248D-ES, GW5048D-ES) 18 Adc (GW3648S-ES)
Isc PV:	2 x 20 Adc (GW3648D-FS, GW4248D-ES, GW5048D-ES) 25 Adc (GW3648S-ES)
Rated grid voltage:	230 V
Rated grid frequency:	50 Hz
Max. output current:	16 Aac (GW3648S-ES, GW3648D-ES), 20 Aac (GW4248D-ES, GW5048D-ES), 3600 W (GW3648S-ES, GW3648D-ES), 4200 W (GW4248D-ES), 4600 W (GW5048D-ES)
Rated AC power:	3600 W (GW3648S-ES, GW3648D-ES), 4200 W (GW4248D-ES), 4600 W (GW5048D-ES)
Power factor range:	1@nominal power(adj: 0.9cap ... 0.9ind)
Battery rated voltage:	48 Vdc
Battery max. charge power:	2300 W
Battery max. discharge power;	3600 W (GW3648S-ES, GW3648D-ES), 4200 W (GW4248D-ES), 4600 W (GW5048D-ES)
Operation temperature range:	-25 ... +60°C
Protective class:	I
Ingress protection:	IP65
Overvoltage category:	III(Mains), II(DC)

**Tested according to:** NRS 097-2-1:2010