



Product Service

# CERTIFICATE

No. B 14 10 83373 005

**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



**Certification Mark:**



**Product:**

**Converter  
PV Grid-connected Inverter**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:** 704091413001-00

**Valid until:** 2019-10-28

**Date,** 2014-10-29

( Zhengdong Ma )

Page 1 of 13





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**CERTIFICATE****No. B 14 10 83373 005****Model(s):****GW10K-DT, GW12K-DT, GW15K-DT,  
GW17K-DT, GW20K-DT, GW25K-DT****Parameters:**

|                              |                                                                                                                      |
|------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Vmax PV:                     | 1000 Vdc                                                                                                             |
| MPPT voltage range:          | 260 ... 850 Vdc                                                                                                      |
| Rated DC voltage:            | 640 Vdc                                                                                                              |
| Max. DC current:             | 22/11 Adc (GW10K-DT, GW12K-DT)<br>22/22 Adc (GW15K-DT, GW17K-DT,<br>GW20K-DT)<br>27/27 Adc (GW25K-DT)                |
| Isc PV:                      | 27/20 Adc (GW10K-DT, GW12K-DT)<br>27/27 Adc (GW15K-DT, GW17K-DT,<br>GW20K-DT)<br>32/32 Adc (GW25K-DT)                |
| Rated grid voltage:          | 3/N/PE ~ 400/230V                                                                                                    |
| Rated grid frequency:        | 50 Hz                                                                                                                |
| Max. output current:         | 17 Aac (GW10K-DT)<br>19 Aac (GW12K-DT)<br>25 Aac (GW15K-DT, GW17K-DT)<br>30 Aac (GW20K-DT)<br>37 Aac (GW25K-DT)      |
| Rated AC power:              | 10 kW (GW10K-DT)<br>12 kW (GW12K-DT)<br>15 kW (GW15K-DT)<br>17 kW (GW17K-DT)<br>20 kW (GW20K-DT)<br>25 kW (GW25K-DT) |
| Power factor range:          | 1@nominal power<br>(adj: 0,9cap...0,9ind)                                                                            |
| Operation temperature range: | -25°C ... +60°C                                                                                                      |
| Protective class:            | I                                                                                                                    |
| Ingress protection:          | IP65                                                                                                                 |
| Overvoltage category:        | III(Mains), II(PV)                                                                                                   |

**Tested  
according to:**

IEC 62109-1:2010  
 EN 62109-1:2010  
 IEC 62109-2:2011  
 EN 62109-2:2011  
 DIN VDE 0126-1-1 (VDE V 0126-1-1):2013  
 VDE-AR-N 4105:2011  
 DIN VDE V 0124-100 (VDE V 0124-100):2012

**Production  
Facility(ies):**

83373

Page 2 of 13