



Product Service

# CERTIFICATE

No. B 083373 0065 Rev. 02

**Holder of Certificate:** GoodWe Technologies Co., Ltd.

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

**Certification Mark:**



**Product:**

**Converter  
Grid-Tied PV 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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704092001905-02

**Valid until:** 2027-01-03

**Date,** 2022-01-04

( Zhengdong Ma )

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**Model(s):** GW225K-HT, GW250K-HT, GW225KN-HT, GW250KN-HT.

## Parameters:

Vmax PV:	1500V d.c.
MPPT voltage range:	500-1500V d.c.
Max. PV current:	12 x 30A d.c.(GW225K-HT, GW250K-HT) 6 x 60A d.c.(GW225KN-HT, GW250KN-HT)
Isc PV:	12 x 50A d.c.(GW225K-HT, GW250K-HT) 6 x 90A d.c.(GW225KN-HT, GW250KN-HT)
Rated grid voltage:	3~ 800V a.c.
AC-grid frequency:	50/60Hz
Max. current:	178.7A a.c.(GW225K-HT, GW225KN-HT) 180.5A a.c.(GW250K-HT, GW250KN-HT)
Rated active power:	225kW(GW225K-HT, GW225KN-HT) 250kW(GW250K-HT, GW250KN-HT)
Max. apparent power:	247.5kVA(GW225K-HT, GW225KN-HT) 250kVA(GW250K-HT, GW250KN-HT)
Power factor range:	Default>0.99, 0.8cap...0.8ind
Operating temperature range:	-30°C...+60°C
Inverter topology	Non-isolated
Protective class:	I
Ingress protection:	IP66
Overvoltage category:	II(PV), III(Mains)

**Tested according to:** IEC 62109-1(ed.1)  
EN 62109-1:2010  
IEC 62109-2(ed.1)  
EN 62109-2:2011