



Product Service

CERTIFICATE

No. B 083373 0087 Rev. 01

Holder of Certificate: **GoodWe Technologies Co., Ltd.**
No. 90 Zijin Road
New District
215011 Suzhou
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **PV inverter**
Micro 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

Test report no.: 50409220013158-01

Valid until: 2028-11-15

Date, 2023-11-16

(Zhengdong Ma)

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Model(s): GW1600-MIS, GW1800-MIS, GW2000-MIS

Parameters:

Model	GW1600-MIS	GW1800-MIS	GW2000-MIS
PV input			
Max. Input Voltage	65Vd.c.		
MPPT Voltage Range	16...60Vd.c.		
Max. Input current	16/16/16/16Ad.c.	16/16/16/16Ad.c.	16/16/16/16Ad.c.
Max. Short Circuit Current	25/25/25/25Ad.c.	25/25/25/25Ad.c.	25/25/25/25Ad.c.
Number of MPPT	4	4	4
AC-Output			
Rated Output Voltage	1/N/PE 220Va.c., 1/N/PE 230Va.c., 1/N/PE 240Va.c.		
Nominal Output Power	1600W	1800W	2000W
Max. AC Active Power	1600VA	1800VA	2000VA
Max. AC Apparent Power	1600VA	1800VA	2000VA
Max. Output Current	7.27Aa.c.@220Va.c. 6.69Aa.c.@230Va.c. 6.67Aa.c.@240Va.c.	8.18Aa.c.@220Va.c. 7.83Aa.c.@230Va.c. 7.5Aa.c.@240Va.c.	9.09Aa.c.@220Va.c. 8.7Aa.c.@230Va.c. 8.33Aa.c.@240Va.c.
Nominal AC Grid Frequency	50/60 Hz		
General Parameters:			
Power Factor Range	0.8 leading...0.8 lagging		
Operating Temperature Range:	-40...+65 °C		
Protective Class:	I		
Ingress Protection:	IP67		
Overvoltage Category:	II(PV), III(MAINS)		
Inverter Topology:	Isolated		
Max. operation altitude	2000m		

Tested according to: EN 62109-1:2010
EN 62109-2:2011
IEC 62109-1:2010
IEC 62109-2:2011