

Certificate of Conformity

Certificate Number: CN-PVES-260247

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant: GoodWe Technologies Co., Ltd.
No.90 ZiJin Rd., New District, Suzhou, 215011, China

Product: Hybrid Inverter

Ratings & Principal Characteristics: See appendix of Certificate of Conformity

Model: GW2K-EMA-UK-G10, GW3K-EMA-UK-G10

Brand Name<s>: **GOODWE**

Product Complies with: G98 Issue 2, 10 March 2025
Requirements for the connection of Fully Type Tested Micro-generators (up to and including 16 A per phase) in parallel with public Low Voltage Distribution Networks

Certificate Issuing Office Name & Address: Intertek Testing Services Ltd. Shanghai
West Area, 2nd Floor, No. 707, Zhangyang Road
China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China
Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012

Test Report No.<s>: 260400047SHA-001

Additional information in Appendix.

Signature



Certification Manager: Qiao Qiao

Date: 30 June 2026



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This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-260247

Ratings & Principal Characteristics:

MODEL	GW2K-EMA-UK-G10	GW3K-EMA-UK-G10
PV Input		
Max. PV Input Voltage [Vdc]	60	
Rated Input Voltage [Vdc]	40	
MPPT Voltage Range [Vdc]	13-48	
Full Power MPPT Operating Range [Vdc]	33.3-48	
Number of MPPTs	4	
Max. PV Input Current [Adc]	36/36/36/36	
Max. Short Circuit current [Adc]	40/40/40/40	
Overvoltage Category (OVC)	II	
Battery Input		
Battery Type	LiFePO4	
VMAX BAT [Vdc]	60	
Voltage Range [Vdc]	52-56	
Start Voltage [Vdc]	9	
Max. Charge Current [Adc]	63	
Max. Discharge Current [Adc]	64	
AC Input / output(Grid)		
Rated AC output Power [W]	800(default)/ 2000*	800(default)/ 3000*
Max.AC output apparent power [VA]	800(default)/ 2000*	800(default)/ 3000*
Nominal AC Voltage [Vac]	220, 230, 240 (L/N/PE)	
Nominal Grid Frequency [Hz]	50/60	
Rated Current to Grid (at 230V) [Aac]	3.5A(default)/8.7A	3.5A(default)/13A
Max. Current to Grid [Aac]	3.5A(default)/ 10.1A	3.5A(default)/15.2A
Max. Current from Grid [Aac]	16	16
Power Factor	0.8lag-0.8lead	

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Back-up	
Nominal AC Voltage [Vac]	220, 230, 240 (L/N/PE)
Rated output apparent power [VA]	3000
Max. output apparent power [VA]	3000
Rated Current to Grid (at 230V) [Aac]	13
Max. Output Current [A]	13
Nominal Grid Frequency [Hz]	50/60
General	
Protective class	I
Protection Degree	IP65
Operation Temperature [°C]	-20 to 55°C
Altitude [m]	Up to 3000
Cooling	Natural cooling
Pollution Degree	PD2(inside), PD3(outside)
Communication Interface	RS485, WIFI+LAN+ Bluetooth
Inverter Topology	Isolated
Overvoltage Category (OVC)	DC II / AC Grid III / AC Backup II
Software	010101

*Shall be adjusted by a qualified electrician in accordance with local regulations.