

Certificate of Conformity

Registered No.:
COCPVP01031/22E-04

File reference
PVP01031/22E-04

Test report No.
TRPVP01031/22E/04

Date of issue
2022-06-30

On the basis of the tests undertaken, the samples of the below product(s) have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out:

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

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

Factory 1: **GoodWe Technologies Co., Ltd.**
No.90 ZiJin Rd., New District, Suzhou, 215011, China

Factory 2: **GoodWe (GuangDe) Power Supply Technology Co., Ltd**
No.208, Tong Rui East Road, Guangde, Anhui, China

Product: Grid-Tied PV Inverter

Type designation: GW700-XS, GW1000-XS, GW1500-XS, GW2000-XS, GW2500-XS, GW3000-XS, GW2500N-XS, GW3000N-XS, GW700-XS-11, GW1000-XS-11, GW1500-XS-11, GW2000-XS-11, GW2500-XS-11, GW3000-XS-11

Type of equipment: Single-phase, Firmware version: V1.54.19

- Interface device
- Interface protection
- Static conversion device
- Rotary generation device

Remark: The device is for plants below 11.08kW.

Certification program: BOS-P-01 Rev. 00

Certification fundamental(s): CEI 0-21:2019-04 "Reference technical rules for the connection of active and passive users to the LV electrical Utilities"

See test report for detailed information.

Certification body: TÜV NORD (HANGZHOU) CO., LTD.



Renewable Energy

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中国认可
产品
PRODUCT
CNAS C183-P

TÜV NORD (HANGZHOU) CO., LTD.
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P.R. China

Room B409, Building 1, No. 9, Jiuhuan Road, Shangcheng District,
Hangzhou City, Zhejiang Province, 310019, P.R. China
Accredited by CNAS according to ISO/IEC 17065:2012, certificate no.
CNAS C183-P.

Testing laboratory:

Dongguan BALUN Testing Technology Co., Ltd.

Room 104/204/205, Building 1, No. 6, Industrial South Road, Songshan
Lake District, Dongguan, Guangdong, China

Accredited by CNAS according to ISO/IEC 17025:2017, certificate no.
CNAS L14701

Conclusion:

After verifying following documents, it is concluded that the product is in
compliance with the requirements of CEI 0-21:2019-04.

ISO 9001 certificate:

Certificate no. CN12/20507, issued by SGS United Kingdom Ltd.

Certificate no. 00119Q310021R0M/3200, issued by CHINA QUALITY
CERTIFICATION CENTRE.

Test report of CEI 0-21:2019-04:

Report no. BL-DG2250411-B01, issued by Dongguan BALUN Testing
Technology Co., Ltd., accredited by CNAS according to ISO/IEC
17025:2017, certificate no. CNAS L14701

Test report of EMC:

Report no. ACWE-E2204019, issued by Audix Technology (Wujiang)
Co., Ltd. EMC Dept., accredited by NVLAP according to ISO/IEC
17025:2017, certificate no. 200786-0.

Report no. (2022)SJSXW-WT0158, issued by Jiangsu Product Quality
Testing & Inspection Institute, accredited by CNAS according to ISO/IEC
17025:2017, certificate no. CNAS L1000

This document is based on the evaluation of the samples of the above mentioned product(s). It does not
imply an assessment of the mass-production of the product(s), and it does not permit the use of a TÜV
NORD mark. The holder of this document may use it in connection with the related test report(s).



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Version 1.4

Description of product(s):

Model types:	GW700-XS	GW1000-XS	GW1500-XS	GW2000-XS	GW2500-XS
General information					
Firmware:	V1.54.19				
PV input					
Vmax PV [V d.c.]:	500				
Mpp voltage range [V d.c.]:	40 - 450	50 - 450			
Isc PV [A d.c.]:	15.6				
Max. input current [A d.c.]:	12.5				
Overvoltage category (OVC):	II				
AC output (Grid Side) parameters					
Rated output voltage [V a.c.]:	230				
Rated output frequency [Hz]:	50/60				
Rated output power [W]:	700	1000	1500	2000	2500
Max. apparent power [VA]:	800	1100	1650	2200	2750
Max. output current [A a.c.]:	3.5	4.8	7.2	9.6	12
Power factor cos ϕ [λ]:	0.8 leading ... 1 ... 0.8 lagging				
Overvoltage category (OVC):	III				



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Model types:	GW3000-XS	GW2500N-XS	GW3000N-XS	GW700-XS-11	GW1000-XS-11
General information					
Firmware:	V1.54.19				
PV input					
Vmax PV [V d.c.]:	500	600		500	
Mpp voltage range [V d.c.]:	50 - 450	50 - 550		40 - 450	
Isc PV [A d.c.]:	15.6	16.3		18.75	
Max. input current [A d.c.]:	12.5	13		15	
Overvoltage category (OVC):	II				
AC output (Grid Side) parameters					
Rated output voltage [V a.c.]:	230				
Rated output frequency [Hz]:	50/60				
Rated output power [W]:	3000	2500	3000	700	1000
Max. apparent power [VA]:	3300	2750	3300	800	1100
Max. output current [A a.c.]:	14.3	12	14.3	3.5	4.8
Power factor cos ϕ [λ]:	0.8 leading ... 1 ... 0.8 lagging				
Overvoltage category (OVC):	III				



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Model types:	GW1500-XS-11	GW2000-XS-11	GW2500-XS-11	GW3000-XS-11
General information				
Firmware:	V1.54.19			
PV input				
Vmax PV [V d.c.]:	500		600	
Mpp voltage range [V d.c.]:	50 - 450		50 - 550	
Isc PV [A d.c.]:	18.75			
Max. input current [A d.c.]:	15			
Overvoltage category (OVC):	II			
AC output (Grid Side) parameters				
Rated output voltage [V a.c.]:	230			
Rated output frequency [Hz]:	50/60			
Rated output power [W]:	1500	2000	2500	3000
Max. apparent power [VA]:	1650	2200	2750	3300
Max. output current [A a.c.]:	7.2	9.6	12	14.3
Power factor cosφ [λ]:	0.8 leading ... 1 ... 0.8 lagging			
Overvoltage category (OVC):	III			



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