

CERTIFICATE OF CONFORMITY

Issued to: GoodWe Technologies Co., Ltd.
No. 90 Zijin Rd., New District, Suzhou, 215011, China.

For the product: Power Conversion System

Trade name:

GOODWE

Type/Model: GW80K-ETR-G10, GW100K-ETR-G10,
GW110K-ETR-G10, GW125K-ETR-G10
GW80K-GT-G30, GW100K-GT-G30,
GW110K-GT-G30, GW125K-GT-G30

Ratings: See Annex

Manufactured by: GoodWe Technologies Co., Ltd.
No. 90 Zijin Rd., New District, Suzhou, 215011, China.

Factory: Address 1: GoodWe (GuangDe) Power Supply Technology Co., Ltd.
No.208, Tong Rui East Road, Guangde, Anhui, P.R. China
Address 2: GoodWe Technologies Co., Ltd.
No.90 Zijin Rd., New District, Suzhou, 215011, P.R. China

Requirements: IEC 61683:1999
EN 50530:2010+A1:2013
IEC 62891:2020

Type of product certification scheme: Type 1a (Type approval).

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6253080.50(A, B, C).

The examination has been carried out on one single specimen of the product. The Attestation does not include an assessment of the manufacturer's production. Conformity of this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 2031-06-17 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2026-06-17

Certificate Number: 6253080.01COC

DEKRA Testing and Certification (Shanghai) Ltd.


Kreny Lin
Certification Manager

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ESA-CER-F021 v5.0



PCA-141

Ratings of the test product:

Hybrid Inverter Model	GW80K-ETR-G10	GW100K-ETR-G10	GW110K-ETR-G10	GW125K-ETR-G10
PV INPUT				
VMAX PV [Vdc]	1100			
ISC PV [A]	55*8	55*10		
MPP Voltage Range [Vdc]	160 to 1000			
Max. Input Current [A]	42*8	42*10		
MPP Full Power Voltage Range [Vdc]	500 to 850			
Start-up Voltage [Vdc]	200			
Backfeed Current [A]	0			
AC OUTPUT				
Rated Output Voltage [Vac]	220/380, 230/400, 240/415, 3L/N/PE			
Rated Output Frequency [Hz]	50/60			
Rated Output Power [kW]	80	100	110	125
Max. Apparent Power [kVA]	88	110	121	137.5
Rated Output Current [A]	121.6@380V	152.0@380V	167.2@380V	190.0@380V
	115.5@400V	144.4@400V	158.8@400V	180.5@400V
	111.3@415V	139.2@415V	153.1@415V	174.0@415V
Max. Output Current [A]	133.8@380V	167.2@380V	183.9@380V	209.0@380V
	127.1@400V	158.8@400V	174.7@400V	198.5@400V
	122.5@415V	153.1@415V	168.4@415V	191.3@415V
Back up				
Max. Apparent power [kVA]	88	110	121	137.5
Rated Output Voltage [Vac]	220/380, 230/400, 240/415, 3L/N/PE			
Max. Output Current [A]	133.8	167.2	183.9	209
Rated Output Frequency [Hz]	50/60			
Battery INPUT				
VMAX BAT [Vdc]	1000			
Voltage Range [Vdc]	700 to 1000			
Start Voltage [Vdc]	700			
Max. Charge/Discharge Current [A]	125.7/125.7	157.1/157.1	172.8/172.8	180/180
Max. Charge/Discharge Power (kW)	88/88	110/110	121/121	137.5/137.5
General Information				
Overvoltage Category (OVC)	II(PV); III(AC)			
Type of inverter	Transformerless			
Protective Class	I			
Enclosure Protection (IP)	IP66			
Operating Temperature Range [°C]	-35 to +60 (>45 derating)			
Pollution degree (PD)	PD2(inside), PD3(outside)			
Altitude [m]	Up to 4000			
Size [mm]	995×758×358 (W*H*D)			
Weight [kg]	82	96		98

Grid-Tied PV Inverter Model	GW80K-GT-G30	GW100K-GT-G30	GW110K-GT-G30	GW125K-GT-G30
PV INPUT				
VMAX PV [Vdc]	1100			
ISC PV [A]	55*6	55*8		55*10
MPP Voltage Range [Vdc]	160 to 1000			
Max. Input Current [A]	42*6	42*8		42*10
MPP Full Power Voltage Range [Vdc]	500 to 850			
Start-up Voltage [Vdc]	200			
Backfeed Current [A]	0			
AC OUTPUT				
Rated Output Voltage [Vac]	220/380, 230/400, 240/415, 277/480, 3L/N/PE or 3L/PE			
Rated Output Frequency [Hz]	50/60			
Rated Output Power [kW]	80	100	110	125
Max. Apparent Power [kVA]	88	110	121	137.5
Rated Output Current [A]	121.6@380V	152.0@380V	167.2@380V	190.0@380V
	115.5@400V	144.4@400V	158.8@400V	180.5@400V
	111.3@415V	139.2@415V	153.1@415V	174.0@415V
	96.3@480V	120.4@480V	132.4@480V	150.5@480V
Max. Output Current [A]	133.8@380V	167.2@380V	183.9@380V	209.0@380V
	127.1@400V	158.8@400V	174.7@400V	198.5@400V
	122.5@415V	153.1@415V	168.4@415V	191.3@415V
	105.9@480V	132.4@480V	145.6@480V	165.5@480V
Power Factor	0.8lagging...0.8leading			
System				
Overvoltage Category (OVC)	II(PV); III(AC)			
Type of inverter	Transformerless			
Protective Class	I			
Enclosure Protection (IP)	IP66			
Operating Temperature Range [°C]	-35 to +60 (>45 derating)			
Pollution degree (PD)	PD2(inside), PD3(outside)			
Altitude [m]	Up to 4000			
Size [mm]	995×758×358 (W*H*D)			
Weight [kg]	77	82		94

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