

CERTIFICATE OF CONFORMITY

DEKRA

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

For the product: Hybrid Inverter

GOODWE

Trade name:

Type/Model: GW3000-ES-C10, GW3000-ES-C11, GW3600-ES-C10,
GW5000-ES-C10, GW6000-ES-C10

Ratings: See Annex

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

Requirements: IEC 61727:2004
IEC 62116:2014

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6202784.50(A-B)

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

Shanghai, 24 March 2025

Certificate Number: 6202784.01COC

It expires at the latest on: 24 March 2030

DEKRA Testing and Certification (Shanghai) Ltd.

Cliff Lin

Cliff Lin
Certification Manager

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ACCREDITED
Product Certification
Agency

PCA-141

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ESA-CER-F021 v4.1

Ratings of the test product:

Model	GW3000- ES-C10	GW3000- ES-C11	GW3600- ES-C10	GW5000- ES-C10	GW6000- ES-C10
PV input					
Vmax PV (Vdc) (absolute Max.)	600				
MPPT voltage range (Vdc)	60-550				
Nominal Input Voltage (Vdc)	360				
Isc PV (absolute Max.) (A)	26		26+26		
Max. input current (A)	20		20+20		
Max. input power (W)	6000		7200	10000	12000
Battery input					
Battery Type	Lead-acid / Li-Ion				
Normal Voltage (Vdc)	48	24	48	48	48
Voltage Range (Vdc)	40-60	20-30	40-60	40-60	40-60
Max. continuous charge / discharge current (A)	70 / 70	140 / 140	90 / 90	120 / 120	140 / 140
Max. Charge Power(W)	3000		3600	5000	6000
Max. Discharge Power(W)	3300		3960	5500	6600
AC output (On-grid)					
Normal Voltage (Vac)	220 / 230 / 240				
Frequency (Hz)	50 / 60				
Nominal Output Current (A)	13.7 / 13.1 / 12.5		16.4 / 15.7 / 15.0	22.8 / 21.8 / 20.9	27.3 / 26.1 / 25.0
Normal Active Power (W)	3000		3600	5000	6000
Max. Active Power (VA)	3300		3960	5500	6600
Normal Apparent Power (VA)	3000		3600	5000	6000
Max. Apparent Power (VA)	3300		3960	5500	6600
Power factor (adjustable)	1.0 (-0.8 ~ +0.8)				
AC output (Back-up)					
Normal Apparent Power (VA)	3000		3600	5000	6000
Max. Apparent Power (VA)	3300		3960	5500	6600
Nominal Output Current (A)	13.7 / 13.1 / 12.5		16.4 / 15.7 / 15.0	22.8 / 21.8 / 20.9	27.3 / 26.1 / 25.0
Others					
Protective class	Class I				
Ingress protection (IP)	IP66				
Operating Temperature	-35°C to +60°C				
Inverter Isolation	Non-isolated				
Overvoltage category	OVC III (AC Main), OVC II (PV)				
Max. Operating Altitude (m)	3000				

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