

# CERTIFICATE OF CONFORMITY

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

For the product: Hybrid Inverter

Trade name: **GOODWE**

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 61683:1999  
EN 50530:2010+A1:2013  
IEC 62891:2020  
IEC 60068-2-1:2007  
IEC 60068-2-2:2007  
IEC 60068-2-14:2023  
IEC 60068-2-30:2005  
IEC 60068-2-64:2008+A1:2019

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6202785.50(A, B, C), 6202786.50

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

This Test Certificate expires at the latest on 2030-03-31 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2025-03-31

Number: 6202785.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

  
Cliff Lin  
Certification Manager

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ESA-CER-F021 v4.1



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## Ratings of product:

Model	GW3000-ES-C10	GW3000-ES-C11	GW3600-ES-C10	GW5000-ES-C10	GW6000-ES-C10
<b>PV input</b>					
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	
<b>Battery input</b>					
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	
<b>AC output (On-grid)</b>					
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)				
<b>AC output (Back-up)</b>					
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	
<b>Others</b>					
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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