

CERTIFICATE OF CONFORMITY

Issued to: GoodWe Technologies Co.,Ltd.
No.90 Zijin Rd., New District, Suzhou, 215011, P.R.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 next page

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

Requirements: IEC 62109-1:2010, EN 62109-1:2010
IEC 62109-2:2011, EN 62109-2:2011

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6213899.50 (A-B).

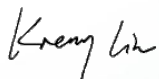
The examination has been carried out on one single specimen of the product. The Attestation does not include an assessment of the manufacturer's production. Conformity of this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 21 March 2030 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 21 March 2025

Number: 6213899.01COC

DEKRA Testing and Certification (Shanghai) Ltd.


Kreny Lin
Certification Manager

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Ratings of the models:



Model	GW3000-ES-C10	GW3000-ES-C11	GW3600-ES-C10	GW5000-ES-C10	GW6000-ES-C10
Battery Input Data					
Nominal Battery Voltage (Vdc)	48	24	48	48	48
Battery Voltage Range (Vdc)	40-60	20-30	40-60	40-60	40-60
Max. Continuous Charging Current (A)	70	140	90	120	140
Max. Continuous Discharging Current (A)	70	140	90	120	140
PV Input Data					
Max. Input Power (W)	6000	6000	7200	10000	12000
Max. Input Voltage (Vdc)	600	600	600	600	600
MPPT Operating Voltage Range (Vdc)	180-500	180-500	120-500	150-500	180-500
Nominal Input Voltage (Vdc)	360V	360V	360V	360V	360V
Max. Input Current per MPPT (A)	20	20	20+20	20+20	20+20
Max. Short Circuit Current per MPPT (A)	26	26	26+26	26+26	26+26
AC Output Data(On-grid / Back-up)					
Nominal Output Power (W)	3000	3000	3600	5000	6000
Max. Output Power (W)	3300	3300	3960	5500	6600
Nominal Apparent Power from Utility Grid (VA)	3000	3000	3600	5000	6000
Max. Apparent Power from Utility Grid (VA) (only for a short time)	7040	7040	7040	8800	8800
Nominal Output Voltage (Vac)	220/230/240	220/230/240	220/230/240	220/230/240	220/230/240

Nominal Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Max.AC Current Output (A)	15	15	18	25	30
Max.AC Current from Utility Grid (A)	32	32	32	40	40
Power Factor	~1 (Adjustable from 0.8 leading to 0.8 lagging)				
AC Data(Generator)					
Nominal Apparent Power from AC generator (VA)	3300	3300	3960	5500	6600
Max. Apparent Power from AC generator (VA) (only for a short time)	7040	7040	7040	8800	8800
Nominal Input Voltage (Vac)	220/230/240	220/230/240	220/230/240	220/230/240	220/230/240
Nominal AC generatoe Frequency (Hz)	50/60	50/60	50/60	50/60	50/60
General Data					
Operating Temperature Range (°C)	-35~+60	-35~+60	-35~+60	-35~+60	-35~+60
Weight (kg)	14,5	14,5	15,5	15,5	15,5
Relative Humidity	0~95%	0~95%	0~95%	0~95%	0~95%
Max. Operating Altitude (m)	3000	3000	3000	3000	3000
Ingress Protection Rating	IP66	IP66	IP66	IP66	IP66
Overvoltage Category	DC II / AC III	DC II / AC III	DC II / AC III	DC II / AC III	DC II / AC III
Protective Class	I	I	I	I	I
Mounting Method	Wall Mounted	Wall Mounted	Wall Mounted	Wall Mounted	Wall Mounted