

ATTESTATION OF CONFORMITY

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

For the product: Hybrid Inverter

Trade name: **GOODWE**

Type/Model: GW3000-ES-20; GW3600-ES-20; GW3600M-ES-20;
GW5000M-ES-20; GW5000-ES-20; GW6000M-ES-20;
GW6000-ES-20; GW3600-SBP-20; GW5000-SBP-20;
GW6000-SBP-20

Ratings: See Annex

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

Requirements: IEC 61727:2004
IEC 62116:2014

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6139757.50(A-B)

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation 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.

Arnhem, 13 September 2022

Number: 6139757.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager

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Ratings of the test product:

Operating temperature range: - 25°C to + 60°C

Protective class: I

Ingress protection rating: IP65

Power factor range (adjustable): 0.8 leading...0.8 lagging

GW3000-ES-20:

PV input: U_{DCmax} : 600 Vdc, U_{MPP} : 60-550 Vdc, $I_{DC,max}$: 16 Adc, I_{sc} PV: 23 Adc

Battery: U_{batt} : 40-60 Vdc, $I_{batt,max(C/D)}$: 60/60 Adc

Output: $U_{AC,r}$: 220/230/240 Vac, 50/60 Hz, $P_{AC,r}$: 3000 W, $I_{AC,max}$: 13.6 Aac, S_r : 3000 VA, S_{max} : 3000 VA

GW3600-ES-20:

PV input: U_{DCmax} : 600 Vdc, U_{MPP} : 60-550 Vdc, $I_{DC,max}$: 16/16 Adc, I_{sc} PV: 23/23 Adc

Battery: U_{batt} : 40-60 Vdc, $I_{batt,max(C/D)}$: 75/75 Adc

Output: $U_{AC,r}$: 220/230/240 Vac, 50/60 Hz, $P_{AC,r}$: 3680 W, $I_{AC,max}$: 16.7 Aac, S_r : 3680 VA, S_{max} : 3680 VA

GW3600M-ES-20:

PV input: U_{DCmax} : 600 Vdc, U_{MPP} : 60-550 Vdc, $I_{DC,max}$: 16/16 Adc, I_{sc} PV: 23/23 Adc

Battery: U_{batt} : 40-60 Vdc, $I_{batt,max(C/D)}$: 60/60 Adc

Output: $U_{AC,r}$: 220/230/240 Vac, 50/60 Hz, $P_{AC,r}$: 3680 W, $I_{AC,max}$: 16.7 Aac, S_r : 3680 VA, S_{max} : 3680 VA

GW5000M-ES-20:

PV input: U_{DCmax} : 600 Vdc, U_{MPP} : 60-550 Vdc, $I_{DC,max}$: 16/16 Adc, I_{sc} PV: 23/23 Adc

Battery: U_{batt} : 40-60 Vdc, $I_{batt,max(C/D)}$: 60/60 Adc

Output: $U_{AC,r}$: 220/230/240 Vac, 50/60 Hz, $P_{AC,r}$: 5000 W, $I_{AC,max}$: 22.7 Aac, S_r : 5000 VA, S_{max} : 5000 VA

GW5000-ES-20:

PV input: U_{DCmax} : 600 Vdc, U_{MPP} : 60-550 Vdc, $I_{DC,max}$: 16/16 Adc, I_{sc} PV: 23/23 Adc

Battery: U_{batt} : 40-60 Vdc, $I_{batt,max(C/D)}$: 120/120 Adc

Output: $U_{AC,r}$: 220/230/240 Vac, 50/60 Hz, $P_{AC,r}$: 5000 W, $I_{AC,max}$: 22.7 Aac, S_r : 5000 VA, S_{max} : 5000 VA

GW6000M-ES-20:

PV input: U_{DCmax} : 600 Vdc, U_{MPP} : 60-550 Vdc, $I_{DC,max}$: 16/16 Adc, I_{sc} PV: 23/23 Adc

Battery: U_{batt} : 40-60 Vdc, $I_{batt,max(C/D)}$: 60/60 Adc

Output: $U_{AC,r}$: 220/230/240 Vac, 50/60 Hz, $P_{AC,r}$: 6000 W, $I_{AC,max}$: 27.3 Aac, S_r : 6000 VA, S_{max} : 6000 VA

GW6000-ES-20:

PV input: U_{DCmax} : 600 Vdc, U_{MPP} : 60-550 Vdc, $I_{DC,max}$: 16/16 Adc, I_{sc} PV: 23/23 Adc

Battery: U_{batt} : 40-60 Vdc, $I_{batt,max(C/D)}$: 120/120 Adc

Output: $U_{AC,r}$: 220/230/240 Vac, 50/60 Hz, $P_{AC,r}$: 6000 W,

$I_{AC,max}$: 27.3 Aac, S_r : 6000 VA, S_{max} : 6000 VA

GW3600-SBP-20:

Battery: U_{batt} : 40-60 Vdc, $I_{\text{batt,max(C/D)}}$: 75/75 Adc

Output: $U_{\text{AC,r}}$: 220/230/240 Vac, 50/60 Hz, $P_{\text{AC,r}}$: 3680 W, $I_{\text{AC,max}}$: 16.7 Aac, S_r : 3680 VA, S_{max} : 3680 VA

GW5000-SBP-20:

Battery: U_{batt} : 40-60 Vdc, $I_{\text{batt,max(C/D)}}$: 120/120 Adc

Output: $U_{\text{AC,r}}$: 220/230/240 Vac, 50/60 Hz, $P_{\text{AC,r}}$: 5000 W, $I_{\text{AC,max}}$: 22.7 Aac, S_r : 5000 VA, S_{max} : 5000 VA

GW6000-SBP-20:

Battery: U_{batt} : 40-60 Vdc, $I_{\text{batt,max(C/D)}}$: 120/120 Adc

Output: $U_{\text{AC,r}}$: 220/230/240 Vac, 50/60 Hz, $P_{\text{AC,r}}$: 6000 W, $I_{\text{AC,max}}$: 27.3 Aac, S_r : 6000 VA, S_{max} : 6000 VA