

ATTESTATION OF CONFORMITY

ATTESTATION DE CONFORMITÉ

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

For the product: Hybrid Inverter
Nom du produit: Onduleur hybride

Trade name: **GOODWE**
Marque:

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

Ratings: See Annex
Informations Voir annexe
Techniques:

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

Requirements: XP C15-712-3:2019 / VFR 2019
Standards DIN VDE 0126-1-1 (VDE V 0126-1-1):2013-08
harmonisés:

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6139757.51

Cette attestation est accordée suite à un examen par DEKRA, dont les résultats sont disposés dans un dossier confidentiel no. 6139757.51

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.

L'examen a été effectué sur un seul échantillon du produit, soumis par le fabricant. L'attestation ne comprend pas une évaluation de production du fabricant. La conformité de sa production avec l'échantillon testé par DEKRA n'est pas de la responsabilité de DEKRA.

Arnhem, 28 December 2022

Number: 6139757.02AOC

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

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

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

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

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

GW3600-SBP-20:

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

GW5000-SBP-20:

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

GW6000-SBP-20:

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