

CERTIFICATE OF CONFORMITY

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

For the product: Grid-Connected PV Inverter

Trade name: **GOODWE**

Type/Model: GW33K-SDT-C30, GW36K-SDT-C30, GW40K-SDT-C30, GW37K5-SDT-BR30,
GW23KLV-SDT-BR30, GW25K-SDT-30, GW30K-SDT-30, GW40K-SDT-P30

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. 6207606.50, 6207606.51

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 2029-11-05 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 5 November 2024

Number: 6207606.01COC

DEKRA Testing and Certification (Shanghai) Ltd.


Cliff Lin
Certification Manager

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ESA-CER-F021 v4.1



PCA-141

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Ratings of product:

Operating temperature range: - 30°C to + 60°C

Protective class: I

Ingress protection rating: IP66

OVC: DC II / AC III

Power factor range (adjustable): > 0.99 (0.8 leading...0.8 lagging)

GW33K-SDT-C30

PV Input: Max 1100 Vdc, MPPT voltage range: 140-1000 Vdc, Max 42 / 42 / 32 A, Isc PV: 52.5 / 52.5 / 40 A

AC Output: 220 / 230 / 240 Vac, 3/N/PE or 3/PE, 50 / 60 Hz, Max current:50.1 A, Max 33 kVA, rated active power: 33 kW

GW36K-SDT-C30

PV Input: Max 1100 Vdc, MPPT voltage range: 140-1000 Vdc, Max 42 / 42 / 32 A, Isc PV: 52.5 / 52.5 / 40 A

AC Output: 220 / 230 / 240 Vac, 3/N/PE or 3/PE, 50 / 60 Hz, Max current:54.6 A, Max 36 kVA, rated active power: 36 kW

GW40K-SDT-C30

PV Input: Max 1100 Vdc, MPPT voltage range: 140-1000 Vdc, Max 42 / 42 / 32 A, Isc PV: 52.5 / 52.5 / 40 A

AC Output: 220 / 230 / 240 Vac, 3/N/PE or 3/PE, 50 / 60 Hz, Max current:60.7 A, Max 40 kVA, rated active power: 40 kW

GW23KLV-SDT-BR30

PV Input: Max 850 Vdc, MPPT voltage range: 140-700 Vdc, Max 42 / 42 / 32 A, Isc PV: 52.5 / 52.5 / 40 A

AC Output: 127 Vac, 3/N/PE or 3/PE, 60 Hz, Max current:60.4 A, Max 23 kVA, rated active power: 23 kW

GW37K5-SDT-BR30

PV Input: Max 1100 Vdc, MPPT voltage range: 140-1000 Vdc, Max 42 / 42 / 32 A, Isc PV: 52.5 / 52.5 / 40 A

AC Output: 220 / 230 / 240 Vac, 3/N/PE or 3/PE, 50 / 60 Hz, Max current:56.9 A, Max 37.5 kVA, rated active power: 37.5 kW

GW25K-SDT-30

PV Input: Max 1100 Vdc, MPPT voltage range: 140-950 Vdc, Max 40 / 40 / 40 A, Isc PV: 50 / 50 / 50 A

AC Output: 220 / 230 / 240 Vac, 3/N/PE or 3/PE, 50 / 60 Hz, Max current:37.9 A, Max 25 kVA, rated active power: 25 kW

GW30K-SDT-30

PV Input: Max 1100 Vdc, MPPT voltage range: 140-950 Vdc, Max 40 / 40 / 40 A, Isc PV: 50 / 50 / 50 A

AC Output: 220 / 230 / 240 Vac, 3/N/PE or 3/PE, 50 / 60 Hz, Max current:45.5 A, Max 30 kVA, rated active power: 30 kW

GW40K-SDT-P30

PV Input: Max 1100 Vdc, MPPT voltage range: 140-1000 Vdc, Max 40 / 40 / 40 / 40 A, Isc PV: 56 / 56 / 56 / 56 A

AC Output: 220 / 230 / 240 Vac, 3/N/PE or 3/PE, 50 / 60 Hz, Max current:60.6 A, Max 40 kVA, rated active power: 40 kW

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