

# CERTIFICATE OF CONFORMITY

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

For the product: Grid-Tied PV Inverter

Trade name: **GOODWE**

Type/Model: GW8000-SDT-30, GW10K-SDT-30, GW12K-SDT-30, GW15K-SDT-30,  
GW17K-SDT-30, GW20K-SDT-30, GW12KLV-SDT-C30,  
GW17KLV-SDT-C30, GW25K-SDT-C30, GW30K-SDT-C30,  
GW4000-SDT-30, GW5000-SDT-30, GW6000-SDT-30

Ratings: See Annex

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

Requirements: IEC 60068-2-1:2007  
IEC 60068-2-2:2007  
IEC 60068-2-14:2009  
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. 6215774.51

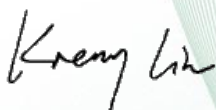
The examination has been carried out on one single specimen of the product. The certificate does not include an assessment of the minilecture's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 2030-02-17 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2025-02-17

Number: 6215774.02COC

DEKRA Testing and Certification (Shanghai) Ltd.



Kreny 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

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

### GW4000-SDT-30:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max: 2\*22 A, Isc PV: 2\*27.5 A

Output: 3L/N/PE or 3L/PE, 220/380 Vac, 230/400 Vac, 240/415 Vac, 50/60 Hz, max 6.7 A, max 4.4 kVA

### GW5000-SDT-30:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max: 2\*22 A, Isc PV: 2\*27.5 A

Output: 3L/N/PE or 3L/PE, 220/380 Vac, 230/400 Vac, 240/415 Vac, 50/60 Hz, max 8.4 A, max 5.5 kVA

### GW6000-SDT-30:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max: 2\*22 A, Isc PV: 2\*27.5 A

Output: 3L/N/PE or 3L/PE, 220/380 Vac, 230/400 Vac, 240/415 Vac, 50/60 Hz, max 10.0 A, max 6.6 kVA

### GW8000-SDT-30:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max: 2\*22 A, Isc PV: 2\*27.5 A

Output: 3L/N/PE or 3L/PE, 220/380 Vac, 230/400 Vac, 240/415 Vac, 50/60 Hz, max 13.4 A, max 8.8 kVA

### GW10K-SDT-30:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max: 2\*22 A, Isc PV: 2\*27.5 A

Output: 3L/N/PE or 3L/PE, 220/380 Vac, 230/400 Vac, 240/415 Vac, 50/60 Hz, max 16.7 A, max 11 kVA

### GW12K-SDT-30:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max: 2\*22 A, Isc PV: 2\*27.5 A

Output: 3L/N/PE or 3L/PE, 220/380 Vac, 230/400 Vac, 240/415 Vac, 50/60 Hz, max 20 A, max 13.2 kVA

### GW15K-SDT-30:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max: 2\*22 A, Isc PV: 2\*27.5 A

Output: 3L/N/PE or 3L/PE, 220/380 Vac, 230/400 Vac, 240/415 Vac, 50/60 Hz, max 25 A, max 16.5 kVA

### GW17K-SDT-30:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max: 32/22 A, Isc PV: 40/27.5 A

Output: 3L/N/PE or 3L/PE, 220/380 Vac, 230/400 Vac, 240/415 Vac, 50/60 Hz, max 28.3 A, max 18.7 kVA

### GW20K-SDT-30:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max: 32/22 A, Isc PV: 40/27.5 A

Output: 3L/N/PE or 3L/PE, 220/380 Vac, 230/400 Vac, 240/415 Vac, 50/60 Hz, max 33.3 A, max 22 kVA

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GW12KLV-SDT-C30:

PV input: Max. 850 Vdc, MPPT voltage range: 140-700 Vdc, max: 32/22 A, Isc PV: 40/27.5 A

Output: 3L/N/PE or 3L/PE, 220/380 Vac, 230/400 Vac, 240/415 Vac, 60 Hz, max 33.3 A, max 12 kVA

GW17KLV-SDT-C30:

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

Output: 3L/N/PE or 3L/PE, 220/380 Vac, 230/400 Vac, 240/415 Vac, 60 Hz, max 50 A, max 17 kVA

GW25K-SDT-C30:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max: 42/22 A, Isc PV: 52.5/27.5 A

Output: 3L/N/PE or 3L/PE, 220/380 Vac, 230/400 Vac, 240/415 Vac, 50/60 Hz, max 41.7 A, max 27.5 kVA

GW30K-SDT-C30:

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

Output: 3L/N/PE or 3L/PE, 220/380 Vac, 230/400 Vac, 240/415 Vac, 50/60 Hz, max 50 A, max 33 kVA

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