

CERTIFICATE OF CONFORMITY

CERTIFICATO DI CONFORMITÀ

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, GW10K-SDT-EU30, GW12K-SDT-30,
GW15K-SDT-30, GW17K-SDT-30, GW20K-SDT-30

Ratings: See Annex

Manufactured by: Same as applicant

Requirements: TOR Erzeuger Type A Version 1.2:2022-04-11
OVE-Richtlinie R 25:2020-03-01

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6181688.50

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 2029-08-14 or expires upon withdrawal of one of the above mentioned standards.

Arnhem, 14 August 2024

Number: 6181688.01COC

DEKRA Testing and Certification (Shanghai) Ltd.


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Certification Manager

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PCA-141

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Test basics:

TOR Erzeuger Type A Version 1.2: 2022-04-11

Connection and parallel operation of Type A power generation systems and small-scale generation systems

OVE-Richtlinie R 25: 2020-03-01

Test requirements for generator units to be connected to and operated in parallel with low-voltage distribution networks

- 5.1 Testing the network perturbations
- 5.2 Testing the symmetry behavior of three-phase inverters
- 5.3 Testing the behavior of the generating unit on the network
- 5.4 Testing the automatic activation point
- 5.5 Testing the connection conditions and synchronization
- 5.6 Proof of robustness and dynamic network support

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

GW8000-SDT-30:

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

Output: 3L/N/PE or 3L/PE, 220 / 380, 230 / 400, 240 / 415 Vac,
50 / 60 Hz, Rated Power: 8 kW, Rated Apparent Power: 8 kVA, Max. Apparent Power: 8.8 kVA, max 13.4 A

GW10K-SDT-30:

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

Output: 3L/N/PE or 3L/PE, 220 / 380, 230 / 400, 240 / 415 Vac,
50 / 60 Hz, Rated Power: 10 kW, Rated Apparent Power: 10 kVA, Max. Apparent Power: 11 kVA, max 16.7 A

GW10K-SDT-EU30:

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

Output: 3L/N/PE or 3L/PE, 220 / 380, 230 / 400, 240 / 415 Vac,
50 / 60 Hz, Rated Power: 10 kW, Rated Apparent Power: 10 kVA, Max. Apparent Power: 11 kVA, max 16.7 A

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GW12K-SDT-30:

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

Output: 3L/N/PE or 3L/PE, 220 / 380, 230 / 400, 240 / 415 Vac,
50 / 60 Hz, Rated Power: 12 kW, Rated Apparent Power: 12 kVA, Max. Apparent Power: 13.2 kVA, max 20 A

GW15K-SDT-30:

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

Output: 3L/N/PE or 3L/PE, 220 / 380, 230 / 400, 240 / 415 Vac,
50 / 60 Hz, Rated Power: 15 kW, Rated Apparent Power: 15 kVA, Max. Apparent Power: 16.5 kVA, max 25 A

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, 230 / 400, 240 / 415 Vac,
50 / 60 Hz, Rated Power: 17 kW, Rated Apparent Power: 17 kVA, Max. Apparent Power: 18.7 kVA, max 28.3 A

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, 230 / 400, 240 / 415 Vac,
50 / 60 Hz, Rated Power: 20 kW, Rated Apparent Power: 20 kVA, Max. Apparent Power: 22 kVA, max 33.3 A

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