

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 inverter

Trade name: **GOODWE**

Type/Model: 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: TOR Erzeuger Type A Version 1.3:2024-07-01
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. 6199638.50

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 2030-03-12 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2025-03-12

Number: 6199638.01COC

DEKRA Testing and Certification (Shanghai) Ltd.



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Test basics:

TOR Erzeuger Type A Version 1.3:2024-07-01

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

OVC: DC II / AC III

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

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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