

ATTESTATION OF CONFORMITY

Issued to: Jiangsu Goodwe Power Supply Technology Co., Ltd.
No.90 Zijin Rd., New District, Suzhou, 215011, China

For the product: Grid-connected PV Inverter

Trade name:  **GOODWE**
YOUR SOLAR ENGINE

Type/Model: GW4K-DT, GW5K-DT, GW6K-DT, GW8K-DT, GW10KT-DT,
GW12KT-DT, GW15KT-DT, GW17KT-DT, GW20KT-DT, GW25KT-DT

Ratings: See Annex

Manufactured by: Jiangsu Goodwe Power Supply Technology Co., Ltd.
No.90 Zijin Rd., New District, Suzhou, 215011, China

Requirements: TOR Erzeuger Typ A Version 1.1:2019
OVE-Richtlinie R 25:2020

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no.6082075.51.

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.

Arnhem, 23 November 2020

Number: 6082075.02AOC

DEKRA Testing and Certification (Shanghai) Ltd.

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Certification Manager



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Annex to 6082075.02AOC

Ratings of the test product:

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

Protective class: I

Ingress protection rating: IP65

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

GW4K-DT:

PV input: Max. 1000 Vdc, MPPT voltage range: 180-850 Vdc, max 12.5 A /12.5 A, I_{sc} PV: 15.6 A/15.6 A
Output: 3/N/PE, 400/230 Vac, 50 Hz, rated 4.0 kW, max 4.4 kVA, max 6.4 A

GW5K-DT:

PV input: Max. 1000 Vdc, MPPT voltage range: 180-850 Vdc, max 12.5 A /12.5 A, I_{sc} PV: 15.6 A/15.6 A
Output: 3/N/PE, 400/230 Vac, 50 Hz, rated 5.0 kW, max 5.5 kVA, max 8.0 A

GW6K-DT:

PV input: Max. 1000 Vdc, MPPT voltage range: 180-850 Vdc, max 12.5 A /12.5 A, I_{sc} PV: 15.6 A/15.6 A
Output: 3/N/PE, 400/230 Vac, 50 Hz, rated 6.0 kW, max 6.6 kVA, max 9.6 A

GW8K-DT:

PV input: Max. 1000 Vdc, MPPT voltage range: 180-850 Vdc, max 12.5 A /12.5 A, I_{sc} PV: 15.6 A/15.6 A
Output: 3/N/PE, 400/230 Vac, 50 Hz, rated 8.0 kW, max 8.8 kVA, max 12.8 A

GW10KT-DT:

PV input: Max. 1000 Vdc, MPPT voltage range: 180-850 Vdc, max 12.5 A /12.5 A, I_{sc} PV: 15.6 A/15.6 A
Output: 3/N/PE, 400/230 Vac, 50 Hz, rated 10.0 kW, max 11.0 kVA, max 16.0 A

GW12KT-DT:

PV input: Max. 1000 Vdc, MPPT voltage range: 180-850 Vdc, max 12.5 A /25.0 A, I_{sc} PV: 15.6 A/31.2 A
Output: 3/N/PE, 400/230 Vac, 50 Hz, rated 12.0 kVA, max 14.0 kVA, rated 17.4 A, max 20.3 A

GW15KT-DT:

PV input: Max. 1000 Vdc, MPPT voltage range: 180-850 Vdc, max 12.5 A /25.0 A, I_{sc} PV: 15.6 A/31.2 A
Output: 3/N/PE, 400/230 Vac, 50 Hz, rated 15.0 kVA, max 16.5 kVA, rated 21.7 A, max 24.0 A

GW17KT-DT:

PV input: Max. 1100 Vdc, MPPT voltage range: 200-950 Vdc, max 25.0 A /25.0 A, I_{sc} PV: 31.2 A/31.2 A
Output: 3/N/PE, 400/230 Vac, 50 Hz, rated 17.0 kVA, max 19.0 kVA, rated 24.6 A, max 28.8 A

GW20KT-DT:

PV input: Max. 1100 Vdc, MPPT voltage range: 200-950 Vdc, max 25.0 A /25.0 A, I_{sc} PV: 31.2 A/31.2 A
Output: 3/N/PE, 400/230 Vac, 50 Hz, rated 20.0 kVA, max 22.0 kVA, rated 29.0 A, max 31.9 A

GW25KT-DT:

PV input: Max. 1100 Vdc, MPPT voltage range: 200-950 Vdc, max 37.5 A /25.0 A, I_{sc} PV: 46.8 A/31.2 A
Output: 3/N/PE, 400/230 Vac, 50 Hz, rated 25.0 kVA, max 27.5 kVA, rated 36.2 A, max 40.8 A