

CERTIFICATE OF CONFORMITY

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

For the product: Hybrid Inverter

Trade name: **GOODWE**

Type/Model: GW5K-ET-L-G10, GW6K-ET-L-G10, GW8K-ET-L-G10, GW10K-ET-L-G10,
GW12K-ET-L-G10, GW15K-ET-L-G10, GW20K-ET-L-G10

Ratings: See Annex

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

Requirements: NRS 097-2-1:2024 Edition 3

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6210827.50

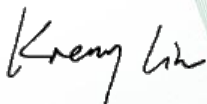
The examination has been carried out on one single specimen of the product. The certificate does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 2030-07-03 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 3 July 2025

Certificate Number: 6210827.01COC

DEKRA Testing and Certification (Shanghai) Ltd.



Kreny Lin
Certification Manager



PCA-141

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ESA-CER-F021 v4.1

Annex to 6210827.01COC

Ratings of the test product:

Operating temperature range: - 35°C to + 60°C

Protective class: I

Ingress protection rating: IP66

Power factor range (adjustable): ~1 (0.8lagging...0.8leading)

GW5K-ET-L-G10

PV input: max 1000 Vdc, MPPT voltage range: 150-850 Vdc,

max input current:20/20 A, Isc PV: 26/26 A

Battery voltage range: 40-60 Vdc, max charge/discharge current: 125 A

AC output: 3L/N/PE, 400/380 Vac, 50/60 Hz,

rated output power 5 kW, max output apparent power 5.5 kVA,

rated output current 7.5 A@220 Vac, 7.2 A@230 Vac,

max output current 7.9 A@230 Vac, 8.3 A@220 Vac,

max apparent power from grid 48.3 kVA, max current from grid 70 A,

Back-up output: 3L/N/PE, 400/380 Vac, 50/60 Hz,

rated apparent power 5kVA, max output apparent power 48.3 kVA (Bypass), max output current 70 A (Bypass).

Generator output: 400/380 Vac, 50/60 Hz,

rated output apparent power 20 kVA, max output apparent power 20 kVA,

max output current 30.3 A.

GW6K-ET-L-G10

PV input: max 1000 Vdc, MPPT voltage range: 150-850 Vdc,

max input current:20/20 A, Isc PV: 26/26 A

Battery voltage range: 40-60 Vdc, max charge/discharge current: 135 A

AC output: 3L/N/PE, 400/380 Vac 50/60 Hz,

rated output power 6 kW, max output apparent power 6.6 kVA,

rated output current 9.1 A@220 Vac, 8.7 A@230 Vac,

max output current 9.6 A@230 Vac, 10 A@220 Vac,

max apparent power from grid 48.3 kVA, max current from grid 70 A

Back-up output: 3L/N/PE, 400/380 Vac, 50/60 Hz,

rated apparent power 6 kVA, max output apparent power 48.3 kVA (Bypass), max output current 70 A (Bypass).

Generator output: 400/380 Vac, 50/60 Hz,

rated output apparent power 20 kVA, max output apparent power 20 kVA,

max output current 30.3 A.

GW8K-ET-L-G10

PV input: max 1000 Vdc, MPPT voltage range: 150-850 Vdc,

max input current:20/20 A, Isc PV: 26/26 A

Battery voltage range: 40-60 Vdc, max charge/discharge current: 175 A

AC output: 3L/N/PE, 400/380 Vac 50/60 Hz,

rated output power 8 kW, max output apparent power 8.8 kVA,

rated output current 12.1 A@220 Vac, 11.6 A@230 Vac,

max output current 12.8 A@230 Vac, 13.4 A@220 Vac,

max apparent power from grid 48.3kVA, max current from grid 70 A,

Back-up output: 3L/N/PE, 400/380 Vac, 50/60 Hz,

rated apparent power 8 kVA, max output apparent power 48.3 kVA (Bypass), max output current 70 A (Bypass).

Generator output: 400/380 Vac, 50/60 Hz,

rated output apparent power 20 kVA, max output apparent power 20 kVA,

max output current 30.3 A.

GW10K-ET-L-G10

PV input: max 1000 Vdc, MPPT voltage range: 150-850 Vdc,
max input current: 20/20/20 A, I_{sc} PV: 26/26/26 A
Battery voltage range: 40-60 Vdc, max current: 220 A
AC output: 3L/N/PE, 400/380 Vac 50/60 Hz,
rated output power 10 kW, max output apparent power 11 kVA,
rated output current 15.2 A@220 Vac, 14.5 A@230 Vac,
max output current 15.9 A@230 Vac, 16.7 A@220 Vac,
max apparent power from grid 48.3 kVA, max current from grid 70 A,
Back-up output: 3L/N/PE, 400/380 Vac, 50/60 Hz,
rated apparent power 10kVA, max output apparent power 48.3 kVA (Bypass), max output current 70 A
(Bypass).
Generator output: 400/380 Vac, 50/60 Hz,
rated output apparent power 20 kVA, max output apparent power 20 kVA,
max output current 30.3 A.

GW12K-ET-L-G10

PV input: max 1000 Vdc, MPPT voltage range: 150-850 Vdc,
max input current: 20/20/20 A, I_{sc} PV: 26/26/26 A
Battery voltage range: 40-60 Vdc, max charge/discharge current: 250 A
AC output: 3L/N/PE, 400/380 Vac 50/60 Hz,
rated output power 12 kW, max output apparent power 13.2 kVA,
rated output current 18.2 A@220 Vac, 17.4 A@230 Vac,
max output current 19.1 A@230 Vac, 20 A@220 Vac,
max apparent power from grid 48.3 kVA, max current from grid 70 A,
Back-up output: 3L/N/PE, 400/380 Vac, 50/60 Hz,
rated apparent power 12 kVA, max output apparent power 48.3 kVA (Bypass), max output current 70 A
(Bypass).
Generator output: 400/380 Vac, 50/60 Hz,
rated output apparent power 20 kVA, max output apparent power 20 kVA,
max output current 30.3 A.

GW15K-ET-L-G10

PV input: max 1000 Vdc, MPPT voltage range: 150-850 Vdc,
max input current: 20/20/20/20 A, I_{sc} PV: 26/26/26/26 A
Battery voltage range: 40-60 Vdc,
max charge/discharge current: 165/165 A,
AC output: 3L/N/PE, 400/380 Vac 50/60 Hz,
rated output power 15 kW, max output apparent power 16.5 kVA,
rated output current 22.7 A@220 Vac, 21.7 A@230 Vac,
max output current 23.9 A@230 Vac, 25 A@220 Vac,
max apparent power from grid 48.3 kVA, max current from grid 70 A,
Back-up output: 3L/N/PE, 400/380 Vac, 50/60 Hz,
rated apparent power 15 kVA, max output apparent power 48.3 kVA (Bypass), max output current 70 A
(Bypass).
Generator output: 400/380 Vac, 50/60 Hz,
rated output apparent power 20 kVA, max output apparent power 20 kVA,
max output current 30.3 A.

GW20K-ET-L-G10

PV input: max 1000 Vdc, MPPT voltage range: 150-850 Vdc,
max input current: 20/20/20/20 A, I_{sc} PV: 26/26/26/26 A
Battery voltage range: 40-60 Vdc,
max charge/discharge current: 208/208 A,
AC output: 3L/N/PE, 400/380 Vac 50/60 Hz,
rated output power 20 kW, max output apparent power 22 kVA,
rated output current 30.3 A@220 Vac, 29 A@230 Vac,
max output current 31.9 A@230 Vac, 33.3A@220 Vac,
max apparent power from grid 48.3kVA, max current from grid 70 A,
Back-up output: 3L/N/PE, 400/380 Vac, 50/60 Hz,
rated apparent power 20 kVA, max output apparent power 48.3 kVA (Bypass), max output current 70 A
(Bypass).
Generator output: 400/380 Vac, 50/60 Hz,
rated output apparent power 20 kVA, max output apparent power 20 kVA,
max output current 30.3 A.

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