

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: GW75K-ET-G10, GW80K-ET-G10, GW99.99K-ET-G10,
GW100K-ET-G10

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. 6235591.50

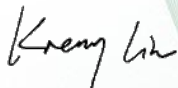
The examination has been carried out on one single specimen of the product. The Attestation does not include an assessment of the manufacturer's production. Conformity of this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 13 October 2030 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 13 October 2025

Certificate Number: 6235591.01COC

DEKRA Testing and Certification (Shanghai) Ltd.



Kreny Lin
Certification Manager

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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:

Technical Data	GW75K-ET-G10	GW80K-ET-G10	GW99.99K-ET-G10	GW100K-ET-G10
Battery Side				
Battery Type	Li-Ion			
Nominal Battery Voltage (V)	600	600	600	600
Battery Voltage Range (V)	300-800	300-800	300-800	300-800
Max. Continuous Charging/Discharging Current (A)	85*2	100*2	110*2	110*2
PV Side				
Max. Input Power (kW)	150	160	200	200
Max. Input Voltage (V)	1000	1000	1000	1000
MPPT Operating Voltage Range (V)	160-950	160-950	160-950	160-950
MPPT Voltage Range at Nominal Power (V)	500-850	500-850	500-850	500-850
Start-up Voltage (V)	200			
Nominal Input Voltage (V)	620	620	620	620
Max. Input Current per MPPT (A)	42			
Max. Short Circuit Current per MPPT (A)	55			
Number of MPP Trackers	8			
Number of Strings per MPPT	2			

Annex

Document no. : 6235591.01COC

AC Side (on-grid)	GW75K-ET-G10	GW80K-ET-G10	GW99.99K-ET-G10	GW100K-ET-G10
Nominal Output Power (kW)	75	80	99.99	100
Max. AC Apparent Power (kVA)	75	88	99.99	110
Nominal Output Voltage (V)	220/380, 230/400, 240/415, 3L/N/PE			
Output Voltage Range (V)	180~280			
Nominal AC Grid Frequency (Hz)	50/60			
AC Grid Frequency Range (Hz)	45~55 /55~65			
Max. AC Current Output to Utility Grid /from Utility Grid (A)	114.0@380Vac, 108.3@400Vac, 104.4@415Vac	133.8@380Vac 127.1@400Vac 122.5@415Vac	152.0@380Vac 144.4@400Vac 139.2@415Vac	167.2@380Vac, 158.8@400Vac, 153.1@415Vac
Nominal Output Current (A)	114@380Vac, 108.3@400Vac, 104.4@415Vac	121.6@380Vac 115.5@400Vac 111.3@415Vac	152.0@380Vac 144.4@400Vac 139.2@415Vac	152.0@380Vac 144.4@400Vac 139.2@415Vac
Backup side				
Max. Output Apparent Power without Grid (kVA)	75	88	99.99	110
Max. Output Current (A)	114.0@380Vac, 108.3@400Vac, 104.4@415Vac	133.8@380Vac 127.1@400Vac 122.5@415Vac	152.0@380Vac 144.4@400Vac 139.2@415Vac	167.2@380Vac, 158.8@400Vac, 153.1@415Vac
Nominal Output Voltage (V)	220/380, 230/400, 240/415, 3L/N/PE			
Generator Side				
Max.Apparent Power from AC generator (kVA)	75	88	99.99	110
Nominal Output Voltage (V)	220/380, 230/400, 240/415, 3L/N/PE			
Output Voltage Range (V)	180~280			
Nominal AC generator Frequency (Hz)	50/60			
General Data				
Operating Temperature Range (°C)	-35~+60			
Ingress Protection Rating	IP66			
Overvoltage Category	DC II / AC III			
Power Factor	~1(Adjustable from 0.8 leading to 0.8 lagging)			

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