

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: GW50K-ET-L-G10, 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: IEC 61727:2004
IEC 62116:2014

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6235593.50(A-B)

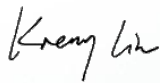
The examination has been carried out on one single specimen of the product. The certificate does not include an assessment of the manufacture's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 2030-09-19 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2025-09-19

Number: 6235593.01COC

DEKRA Testing and Certification (Shanghai) Ltd.



Kreny Lin
Certification Manager

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Ratings of the test product:

Technical Data	GW50K-ET-L-G10	GW75K-ET-G10	GW80K-ET-G10	GW99.99K-ET-G10	GW100K-ET-G10
Battery Side					
Battery Type	Li-Ion				
Nominal Battery Voltage (V)	400	600	600	600	600
Battery Voltage Range (V)	300-600	300-800	300-800	300-800	300-800
Max. Continuous Charging/Discharging Current (A)	85*2	85*2	100*2	110*2	110*2
PV Side					
Max. Input Power (kW)	100	150	160	200	200
Max. Input Voltage (V)	850	1000	1000	1000	1000
MPPT Operating Voltage Range (V)	160-700	160-950	160-950	160-950	160-950
MPPT Voltage Range at Nominal Power (V)	300-600	500-850	500-850	500-850	500-850
Start-up Voltage (V)	200				
Nominal Input Voltage (V)	420	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				
AC Side (on-grid)					
Nominal Output Power (kW)	50	75	80	99.99	100
Max. AC Apparent Power (kVA)	50	75	88	99.99	110
Nominal Output Voltage (V)	127/220, 3L/N/PE	220/380, 230/400, 240/415, 3L/N/PE			
Output Voltage Range (V)	114~139	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)	131.3	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)	131.3	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 (VA)	50	75	88	99.99	110
Max. Output Current (A)	131.3	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)	127/220, 3L/N/PE	220/380, 230/400, 240/415, 3L/N/PE			
Generator Side					
Max. Apparent Power from AC generator (VA)	50	75	80	99.99	100
Nominal Output Voltage (V)	127/220, 3L/N/PE	220/380, 230/400, 240/415, 3L/N/PE			
Output Voltage Range (V)	114~139	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)				