

ATTESTATION 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, GW12K-ET-LL-G10

Ratings: See annex

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

Subject: Complete evaluation of electrical system of the appliances

Requirements: IEC 62109-1:2010, EN 62109-1:2010
IEC 62109-2:2011, EN 62109-2:2011

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a test file / test report no 6210814.50(A-B)

This Attestation implies that the examined types are in accordance with the standards designated under the Low Voltage Directive (LVD) 2014/35/EU.

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 this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This document does not authorize the use of any DEKRA approved mark.

The CE marking may be affixed on the product if all relevant and effective EU regulations are complied with.

Arnhem, 1 July 2025

Number: 6210814.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.


Kreny Lin
Certification Manager

Page 1 of 3

© Integral publication of this attestation and adjoining reports is allowed

DEKRA Testing and Certification (Shanghai) Ltd.
5F #250 Jiangchangsan Road Shibei Hi-Tech Park, 200436 Jing'an District, Shanghai, China
T +86 21 6056 7666 F +86 21 6056 7555 www.dekra-product-safety.com

GoodWe	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	GW12K- ET-LL- G10
Battery Side								
Nominal BAT Voltage (V)	48							
Battery voltage range (V)	40~60							
Start-up Voltage(V)	30							
Max, Continuous Charging Current (A)	125	135	175	220	250	165/ 165	208/ 208	250
Max, Continuous Discharging Current (A)	125	135	175	220	250	165/ 165	208/ 208	250
Max Charge Power (kW)	5,0	6,0	8,0	10,0	12,0	15,0	20,0	12,0
Max Discharge Power (kW)	5,5	6,6	8,8	11,0	13,2	16,5	22,0	13,2
PV Side								
Max, Input Power (kW)	10	12	16	20	24	30	40	24
Max, Input Voltage (V)	1000							
MPPT Operating Voltage Range (V)	150-850							
MPPT Operating Voltage Range at Nominal Power (V)	300~850					350~850		300~ 850
Start-up Voltage (V)	180							
Nominal Input Voltage (V)	620							
Max, MPPT Current (A)	20/20			20/20/20		20/20/20/20		20/20/20
Max, MPPT Short Circuit Current(A)	26/26			26/26/26		26/26/26/26		26/26/26
Number of Strings per MPPT	2/1+1			3/1+1+1		4/1+1+1+1		3/1+1+1
AC Side (On-grid)								
Nominal Power (kW)	5,0	6,0	8,0	10,0	12,0	15,0	20,0	12,0
Max, Power (kW)	5,5	6,6	8,8	11,0	13,2	16,5	22,0	12,0
Nominal Apparent Power Output to Grid (kVA)	5,0	6,0	8,0	10,0	12,0	15,0	20,0	12,0
Max, Apparent Power to Utility Grid (kVA)	5,5	6,6	8,8	11,0	13,2	16,5	22,0	13,2
Nominal Apparent Power from Grid(kVA)	5,0	6,0	8,0	10,0	12,0	15,0	20,0	12,0
Nominal Voltage (V)	400/380, 3L/N/PE							220/ 127, 3L/N/PE
Voltage Range (V)	170~290							

Nominal Frequency (Hz)	50/60							60
Max, Current from Grid (A)	70							
Max, Output Fault Current (Peak and Duration) (A)	99							
Power Factor	~1 (Adjustable from 0,8 leading~ 0,8 lagging)							
Max Output Overcurrent Protection (A)	70							
Backup Side								
Nominal Output Apparent Power (kVA)	5,0	6,0	8,0	10,0	12,0	15,0	20,0	12,0
Max, Output Apparent Power (kVA)	5,5	6,6	8,8	11,0	13,2	16,5	22,0	13,2
Max, Output Apparent Power with Grid (kVA)	48,3							26,7
Max Output Current (Byapss)	70							
Maximum Overcurrent Protection (A)	70							
Nominal Output Voltage (V)	400/380, 3L/N/PE							220, 3L/N/PE
Nominal Output Frequency (Hz)	50/60							60
Generator Side								
Nominal Apparent Power(kVA)	20,0							12,0
Max, Apparent Power (kVA)	20,0							12,0
Nominal Voltage (V)	400/380							220
Input Voltage Range (V)	170~290							
Nominal Frequency (Hz)	50/60							60
Max, Current (A)	30,3							31,5
General Data	Over voltage category: III(Mains), II(PV), Operating temperature range: - 35 °C to + 60 °C, Relative Humidity (%): 0-95, Protective class: I, Ingress protection rating: IP66, Operating Altitude (m): 4000, Mounting Method: Wall Mounted, Cooling Method: Smart Fan Cooling							

 END