

# CERTIFICATE OF CONFORMITY

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

For the product: PV Inverter

Trade name: **GOODWE**

Type/Model: GW3K-DNS-G40, GW3.6K-DNS-G40, GW4.2K-DNS-G40,  
GW5K-DNS-G40, GW6K-DNS-G40

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. 6228401.50.

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 2030-09-05 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2025-09-05

Certificate Number: 6228401.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin  
Certification Manager

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ESA-CER-F021 v4.1



PCA-141

# Annex to 6228401.01COC

## Ratings of the test product:

Model	GW3K-DNS-G40	GW3.6K-DNS-G40	GW4.2K-DNS-G40	GW5K-DNS-G40	GW6K-DNS-G40
PV input					
Vmax PV (Vdc) (absolute Max.)	600	600	600	600	600
Isc PV (absolute Max.) (A)	52	52	52	52	52
Max. input current (A)	40	40	40	40	40
MPPT voltage range (Vdc)	40-560	40-560	40-560	40-560	40-560
AC Grid (output)					
Normal Voltage (Vac)	220/230/240, L/N/PE				
Frequency (Hz)	50 / 60				
Max. output current (A)	13.7	16.4	19.1	22.8	27.3
Normal Active Power (W)	3000	3600	4200	5000	6000
Normal Apparent Power (VA)	3000	3600	4200	5000	6000
Max. Apparent Power (VA)	3000	3600	4200	5000	6000
Power factor (adjustable)	1.0( -0.8~ +0.8)				
Others					
Protective class	Class I				
Ingress protection (IP)	IP66				
Operating Temperature	-25°C to +60°C				
Inverter Isolation	Non-isolated				
Overvoltage category	OVC III (AC Main), OVC II (PV)				

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