


# ATTESTATION OF CONFORMITY

Issued to: Sungrow Power Supply Co., Ltd.  
No.1699 Xiyou Rd., New & High Technology Industrial Development Zone, 230088,  
Hefei, P. R. China

For the product: Grid-connected PV inverter

Trade name: 

Type/Model: SG2K-S, SG2K5-S, SG3K-S, SG3K-D, SG3K6-D,  
SG4K-D, SG4K6-D, SG5K-D, SG6K-D

Ratings: See Annex

Manufactured by: Sungrow Power Supply Co., Ltd.  
No.1699 Xiyou Rd., New & High Technology Industrial Development Zone, 230088,  
Hefei, P. R. China

Requirements: EN 50549-1:2019

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6061127.50

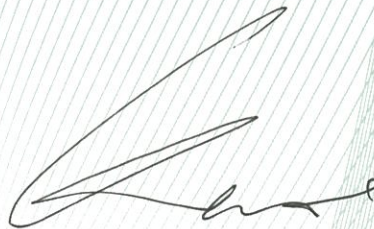
The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of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

Arnhem, 18 October 2019

Number: 6061127.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Kate Xu  
Certification Manager



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Ratings of the test product:

Operating temperature range: - 25°C to + 60°C

Protective class: I

Ingress protection rating: IP65

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

SG2K-S:

PV input: Max. 600 Vdc, MPPT voltage range: 90-560 Vdc, max 10 A, Isc PV: 12 A

Output: 230 Vac, 50/60 Hz, max 9.1 A, rated 2000 W, max 2000 VA

SG2K5-S:

PV input: Max. 600 Vdc, MPPT voltage range: 90-560 Vdc, max 10 A, Isc PV: 12 A

Output: 230 Vac, 50/60 Hz, max 11.3 A, rated 2500 W, max 2500 VA

SG3K-S:

PV input: Max. 600 Vdc, MPPT voltage range: 90-560 Vdc, max 10 A, Isc PV: 12 A

Output: 230 Vac, 50/60 Hz, max 13.7 A, rated 3000 W, max 3000 VA

SG3K-D:

PV input: Max. 600 Vdc, MPPT voltage range: 90-560 Vdc, max 10/10 A, Isc PV: 12/12 A

Output: 230 Vac, 50/60 Hz, max 13.7 A, rated 3000 W, max 3000 VA

SG3K6-D:

PV input: Max. 600 Vdc, MPPT voltage range: 90-560 Vdc, max 10/10 A, Isc PV: 12/12 A

Output: 230 Vac, 50/60 Hz, max 16 A, rated 3680 W, max 3680 VA

SG4K-D:

PV input: Max. 600 Vdc, MPPT voltage range: 90-560 Vdc, max 10/10 A, Isc PV: 12/12 A

Output: 230 Vac, 50/60 Hz, max 18.2 A, rated 4000 W, max 4000 VA

SG4K6-D:

PV input: Max. 600 Vdc, MPPT voltage range: 90-560 Vdc, max 10/10 A, Isc PV: 12/12 A

Output: 230 Vac, 50/60 Hz, max 21 A, rated 4600 W, max 4600 VA

SG5K-D:

PV input: Max. 600 Vdc, MPPT voltage range: 90-560 Vdc, max 10/10 A, Isc PV: 12/12 A

Output: 230 Vac, 50/60 Hz, max 22.7 A, rated 5000 W, max 5000 VA

SG6K-D:

PV input: Max. 600 Vdc, MPPT voltage range: 90-560 Vdc, max 10/10 A, Isc PV: 12/12 A

Output: 230 Vac, 50/60 Hz, max 27.3 A, rated 6000 W, max 6000 VA