

# 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: SG5KTL-MT, SG6KTL-MT, SG8KTL-M, SG10KTL-M  
SG12KTL-M, SG15KTL-M, SG17KTL-M, SG20KTL-M

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. 6060044.50

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, 23 September 2019

Number: 6060044.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Kate Xu  
Certification Manager



© Integral publication of this attestation and adjoining reports is allowed

Page 1 of 2

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

SG5KTL-MT:

PV input: Max. 1100 Vdc, MPPT voltage range: 200-1000 Vdc, max 2\*11 A, Isc PV: 2\*15 A

Output: 3/N/PE, 400/230 Vac, 50/60 Hz, max 8.5 A, rated 5000 W, max 5500 VA

SG6KTL-MT:

PV input: Max. 1100 Vdc, MPPT voltage range: 200-1000 Vdc, max 2\*11 A, Isc PV: 2\*15 A

Output: 3/N/PE, 400/230 Vac, 50/60 Hz, max 10 A, rated 6000 W, max 6600 VA

SG8KTL-M:

PV input: Max. 1100 Vdc, MPPT voltage range: 200-1000 Vdc, max 2\*11 A, Isc PV: 2\*15 A

Output: 3/N/PE, 400/230 Vac, 50/60 Hz, max 13.3 A, rated 8000 W, max 8800 VA

SG10KTL-M:

PV input: Max. 1100 Vdc, MPPT voltage range: 200-1000 Vdc, max 2\*11 A, Isc PV: 2\*15 A

Output: 3/N/PE, 400/230 Vac, 50/60 Hz, max 16.5 A, rated 10000 W, max 11000 VA

SG12KTL-M:

PV input: Max. 1100 Vdc, MPPT voltage range: 200-1000 Vdc, max 2\*11 A, Isc PV: 2\*15 A

Output: 3/N/PE, 400/230 Vac, 50/60 Hz, max 20 A, rated 12000 W, max 13200 VA

SG15KTL-M:

PV input: Max. 1100 Vdc, MPPT voltage range: 200-1000 Vdc, max 44 A, Isc PV: 60 A

Output: 3/N/PE, 400/230 Vac, 50/60 Hz, max 24 A, rated 15000 W, max 16500 VA

SG17KTL-M:

PV input: Max. 1100 Vdc, MPPT voltage range: 200-1000 Vdc, max 44 A, Isc PV: 60 A

Output: 3/N/PE, 400/230 Vac, 50/60 Hz, , max 27.2 A rated 17000 W, max 18700 VA

SG20KTL-M:

PV input: Max. 1100 Vdc, MPPT voltage range: 200-1000 Vdc, max 44 A, Isc PV: 60 A

Output: 3/N/PE, 400/230 Vac, 50/60 Hz, max 31.9 A, rated 20000 W, max 22000 VA