

# ATTESTATION OF CONFORMITY

Issued to: Renac Power Technology Co., Ltd.  
Building 6, No. 2, West Jinzhi Road, High-Tech District, Suzhou City, Jiangsu  
Province, China

For the product: Grid-connected PV inverter

Trade name: **RENAC**

Type/Model: R3-10K-G5, R3-15K-G5, R3-17K-G5, R3-20K-G5, R3-25K-G5-P, R3-25K-G5

Ratings: See Annex

Manufactured by: Renac Power Technology Co., Ltd.  
Building 6, No. 2, West Jinzhi Road, High-Tech District, Suzhou City, Jiangsu  
Province, China

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

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6102829.50(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 his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

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

Arnhem, 22 July 2021

Number: 6102829.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.



Kreny Lin  
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

R3-10K-G5:

PV input: Max. 1100 Vdc, MPPT voltage range: 150-1000 Vdc, max: 20/20 A, Isc PV: 26/26 A

Output: 3/N/PE 400 Vac, 50/60 Hz, max 16 A, max 11000 VA

R3-15K-G5:

PV input: Max. 1100 Vdc, MPPT voltage range: 150-1000 Vdc, max: 30/20 A, Isc PV: 39/26 A

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

R3-17K-G5:

PV input: Max. 1100 Vdc, MPPT voltage range: 150-1000 Vdc, max: 30/30 A, Isc PV: 39/39 A

Output: 3/N/PE, 400 Vac, 50/60 Hz, max 27.1 A, max 18700 VA

R3-20K-G5:

PV input: Max. 1100 Vdc, MPPT voltage range: 150-1000 Vdc, max: 30/30 A, Isc PV: 39/39 A

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

R3-25K-G5-P:

PV input: Max. 1100 Vdc, MPPT voltage range: 150-1000 Vdc, max: 37.5/30 A, Isc PV: 49/39 A

Output: 3/N/PE, 400 Vac, 50/60 Hz, max 40 A, max 27500 VA

R3-25K-G5:

PV input: Max. 1100 Vdc, MPPT voltage range: 150-1000 Vdc, max: 30/30 A, Isc PV: 39/39 A

Output: 3/N/PE, 400 Vac, 50/60 Hz, max 40 A, max 27500 VA