

# ATTESTATION OF CONFORMITY



Issued to: Renac Power Technology Co., Ltd.  
Block C-12, No. 20 Datong Road, Comprehensive Bonded Zone, Suzhou Hi-Tech District, 215151 Suzhou, Jiangsu, P.R. China

For the product: PV Grid-tied Inverter

Trade name: **RENAC**

Type/Model: R1-3.68K, R1-3.68K1, R1-4K, R1-4K1, R1-5K, R1-5K1, R1-5K-A, R1-6K, R1-6K1

Ratings: See Annex

Manufactured by: Renac Power Technology Co., Ltd.  
Block C-12, No. 20 Datong Road, Comprehensive Bonded Zone, Suzhou Hi-Tech District, 215151 Suzhou, Jiangsu, P.R. China

Subject: Complete evaluation of electrical system of the appliances

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 test file / test report no 6200375.50(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.

Arnhem, 29 September 2024

Number: 6200375.01AOC

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

**R1-3.68K:**

PV input: Max. 600 Vdc, MPPT Voltage range 80~550 Vdc,

Rated MPP Voltage: 360 Vdc, max. 16 / 16 A, Isc 20 / 20 A, AC output: L/N/PE, 220 / 230 Vac, 50 / 60 Hz, max 16 A, rated Power 3680 W, max. Power 3680 VA

**R1-3.68K1:**

PV input: Max. 600 Vdc, MPPT Voltage range 80~550 Vdc,

Rated MPP Voltage: 360 Vdc, max. 20 A, Isc 25 A, AC output: L/N/PE, 220 / 230 Vac, 50 / 60 Hz, max 16 A, rated Power 3680 W, max. Power 3680 VA

**R1-4K:**

PV input: Max. 600 Vdc, MPPT Voltage range 80~550 Vdc,

Rated MPP Voltage: 360 Vdc, max. 16 / 16 A, Isc 20 / 20 A, AC output: L/N/PE, 220 / 230 Vac, 50 / 60 Hz, max 20 A, rated Power 4000 W, max. Power 4400 VA

**R1-4K1:**

PV input: Max. 600 Vdc, MPPT Voltage range 80~550 Vdc,

Rated MPP Voltage: 360 Vdc, max. 20 A, Isc 25 A, AC output: L/N/PE, 220 / 230 Vac, 50 / 60 Hz, max 20 A, rated Power 4000 W, max. Power 4400 VA

**R1-5K:**

PV input: Max. 600 Vdc, MPPT Voltage range 80~550 Vdc,

Rated MPP Voltage: 360 Vdc, max. 16 / 16 A, Isc 20 / 20 A, AC output: L/N/PE, 220 / 230 Vac, 50 / 60 Hz, max 25 A, rated Power 5000 W, max. Power 5500 VA

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R1-5K1:

PV input: Max. 600 Vdc, MPPT Voltage range 80~550 Vdc,

Rated MPP Voltage: 360 Vdc, max. 20 A, Isc 25 A, AC output: L/N/PE, 220 / 230 Vac, 50 / 60 Hz, max 25 A, rated Power 5000 W, max. Power 5500 VA

R1-5K-A:

PV input: Max. 600 Vdc, MPPT Voltage range 80~550 Vdc,

Rated MPP Voltage: 360 Vdc, max. 16 / 16 A, Isc 20 / 20 A, AC output: L/N/PE, 220 / 230 Vac, 50 / 60 Hz, max 21,7 A, rated Power 5000 W, max. Power 5000 VA

R1-6K:

PV input: Max. 600 Vdc, MPPT Voltage range 80~550 Vdc,

Rated MPP Voltage: 360 Vdc, max. 16 / 16 A, Isc 20 / 20 A, AC output: L/N/PE, 220 / 230 Vac, 50 / 60 Hz, max 27,3 A, rated Power 6000 W, max. Power 6000 VA

R1-6K1:

PV input: Max. 600 Vdc, MPPT Voltage range 80~550 Vdc,

Rated MPP Voltage: 360 Vdc, max. 20 A, Isc 25 A, AC output: L/N/PE, 220 / 230 Vac, 50 / 60 Hz, max 27,3 A, rated Power 6000 W, max. Power 6000 VA

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End