

# 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: 

Type/Model: R1-7K5, R1-8K, R1-10K, R1-10K5

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 6201669.50(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, 16 October 2024

Number: 6201669.01AOC

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

Operating Altitude: ≤ 2000 m

**R1-7K5:**

PV input: Max. 600 Vdc, MPPT Voltage range 80~550 Vdc, Rated MPP Voltage: 360 Vdc, max. 32 / 32 A, Isc 40 / 40 A, AC output: L / N / PE, 220 / 230 Vac, 50 / 60 Hz, max 34.1 A, rated Power 7500 W, max. Apparent Power 7500 VA

**R1-8K:**

PV input: Max. 600 Vdc, MPPT Voltage range 80~550 Vdc, Rated MPP Voltage: 360 Vdc, max. 32 / 32 A, Isc 40 / 40 A, AC output: L / N / PE, 220 / 230 Vac, 50 / 60 Hz, max 40 A, rated Power 8000 W, max. Apparent Power 8800 VA

**R1-10K:**

PV input: Max. 600 Vdc, MPPT Voltage range 80~550 Vdc, Rated MPP Voltage: 360 Vdc, max. 32 / 32 A, Isc 40 / 40 A, AC output: L / N / PE, 220 / 230 Vac, 50 / 60 Hz, max 45,5 A, rated Power 10000 W, max. Apparent Power 10000 VA

**R1-10K5:**

PV input: Max. 600 Vdc, MPPT Voltage range 80~550 Vdc, Rated MPP Voltage: 360 Vdc, max. 32 / 32 A, Isc 40 / 40 A, AC output: L / N / PE, 220 / 230 Vac, 50 / 60 Hz, max 45,5 A, rated Power 10500 W, max. Apparent Power 10500 VA

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END