

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: R1-1K1, R1-1K6, R1-2K2, R1-2K5, R1-2K7, R1-3K, R1-3K3, R1-1.1K1, R1-1.6K1,
R1-2.2K1, R1-2.5K1, R1-2.7K1, R1-3K1, R1-3.3K1

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 6200379.50(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: 6200379.01AOC

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

R1-1K1:

PV input: Max. 500 Vdc, MPPT Voltage range 45~500 Vdc,

Rated MPP Voltage: 360 Vdc, max. 16 A, Isc 20 A, AC output: L/N /PE, 220 / 230 Vac, 50 / 60 Hz, max 5 A, rated Power 1100 W, max. Power 1100 VA

R1-1K6:

PV input: Max. 500 Vdc, MPPT Voltage range 45~500 Vdc,

Rated MPP Voltage: 360 Vdc, max. 16 A, Isc 20 A, AC output: L/N /PE, 220 / 230 Vac, 50 / 60 Hz, max 7,3 A, rated Power 1600 W, max. Power 1600 VA

R1-2K2:

PV input: Max. 500 Vdc, MPPT Voltage range 45~500 Vdc,

Rated MPP Voltage: 360 Vdc, max. 16 A, Isc 20 A, AC output: L/N /PE, 220 / 230 Vac, 50 / 60 Hz, max 10 A, rated Power 2200 W, max. Power 2200 VA

R1-2K5:

PV input: Max. 500 Vdc, MPPT Voltage range 45~500 Vdc,

Rated MPP Voltage: 360 Vdc, max. 16 A, Isc 20 A, AC output: L/N /PE, 220 / 230 Vac, 50 / 60 Hz, max 11,4 A, rated Power 2500 W, max. Power 2500 VA

R1-2K7:

PV input: Max. 550 Vdc, MPPT Voltage range 50~550 Vdc,

Rated MPP Voltage: 360 Vdc, max. 16 A, Isc 20 A, AC output: L/N /PE, 220 / 230 Vac, 50 / 60 Hz, max 12,3 A, rated Power 2700 W, max. Power 2700 VA

R1-3K:

PV input: Max. 550 Vdc, MPPT Voltage range 50~550 Vdc,

Rated MPP Voltage: 360 Vdc, max. 16 A, Isc 20 A, AC output: L/N /PE, 220 / 230 Vac, 50 / 60 Hz, max 13,6 A, rated Power 3000 W, max. Power 3000 VA

R1-3K3:

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PV input: Max. 550 Vdc, MPPT Voltage range 50~550 Vdc,
Rated MPP Voltage: 360 Vdc, max. 16 A, Isc 20 A, AC output: L/N /PE, 220 / 230 Vac, 50 / 60 Hz, max 15 A, rated Power 3300 W, max. Power 3300 VA

R1-1.1K1:

PV input: Max. 500 Vdc, MPPT Voltage range 45~500 Vdc,
Rated MPP Voltage: 360 Vdc, max. 18 A, Isc 23 A, AC output: L/N /PE, 220 / 230 Vac, 50 / 60 Hz, max 5 A, rated Power 1100 W, max. Power 1100 VA

R1-1.6K1:

PV input: Max. 500 Vdc, MPPT Voltage range 45~500 Vdc,
Rated MPP Voltage: 360 Vdc, max. 18 A, Isc 23 A, AC output: L/N /PE, 220 / 230 Vac, 50 / 60 Hz, max 7,3 A, rated Power 1600 W, max. Power 1600 VA

R1-2.2K1:

PV input: Max. 500 Vdc, MPPT Voltage range 45~500 Vdc,
Rated MPP Voltage: 360 Vdc, max. 18 A, Isc 23 A, AC output: L/N /PE, 220 / 230 Vac, 50 / 60 Hz, max 10 A, rated Power 2200 W, max. Power 2200 VA

R1-2.5K1:

PV input: Max. 500 Vdc, MPPT Voltage range 45~500 Vdc,
Rated MPP Voltage: 360 Vdc, max. 18 A, Isc 23 A, AC output: L/N /PE, 220 / 230 Vac, 50 / 60 Hz, max 11,4 A, rated Power 2500 W, max. Power 2500 VA

R1-2.7K1:

PV input: Max. 550 Vdc, MPPT Voltage range 50~550 Vdc,
Rated MPP Voltage: 360 Vdc, max. 18 A, Isc 23 A, AC output: L/N /PE, 220 / 230 Vac, 50 / 60 Hz, max 12,3 A, rated Power 2700 W, max. Power 2700 VA

R1-3K1:

PV input: Max. 550 Vdc, MPPT Voltage range 50~550 Vdc,
Rated MPP Voltage: 360 Vdc, max. 18 A, Isc 23 A, AC output: L/N /PE, 220 / 230 Vac, 50 / 60 Hz, max 13,6 A, rated Power 3000 W, max. Power 3000 VA

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R1-3.3K1:

PV input: Max. 550 Vdc, MPPT Voltage range 50~550 Vdc,

Rated MPP Voltage: 360 Vdc, max. 18 A, Isc 23 A, AC output: L/N /PE, 220 / 230 Vac, 50 / 60 Hz, max 15 A, rated Power 3300 W, max. Power 3300 VA

End