

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	PV Grid-tied Inverter
Name and address of the applicant	Renac Power Technology Co., Ltd. Block C-12, No. 20 Datong Road, Comprehensive Bonded Zone, Suzhou Hi-Tech District, 215151 Suzhou Jiangsu, China
Name and address of the manufacturer	Renac Power Technology Co., Ltd. Block C-12, No. 20 Datong Road, Comprehensive Bonded Zone, Suzhou Hi-Tech District, 215151 Suzhou Jiangsu, China
Name and address of the factory	Renac Power Technology Co., Ltd. Block C-12, No. 20 Datong Road, Comprehensive Bonded Zone, Suzhou Hi-Tech District, 215151 Suzhou Jiangsu, China
<i>When more than one factory</i>	<input type="checkbox"/> Additional information on page 2
Ratings and principal characteristics	Product data Ratings: 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 Product data – type 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 Product data – type 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 Product data – type 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 Product data – type 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 Product data – type R1-2K7 PV input: Max. 500 Vdc, MPPT Voltage range 50~550 Vdc, Rated MPP Voltage: 360 Vdc, max. 16 A, Isc 20 A; AC output: L/N/PE, 220

This CB Test Certificate is issued by the National Certification Body

DEKRA Certification B.V.
Meander 1051
6825 MJ Arnhem
Netherlands

Date: 6 February 2024

Signature: May Liu

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/ 230 Vac, 50 / 60 Hz, max 12,3 A,
rated Power 2700 W, max. Power 2700 VA

Product data – type 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

Product data – type R1-3K3

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

Trademark / Brand (if any)



RENAC

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

R1-1K1, R1-1K6, R1-2K2, R1-2K5, R1-2K7, R1-3K and R1-3K3

Additional information

 [Additional information on page 2](#)

A sample of the product was tested and
found to be in conformity with
As shown in the Test Report Ref. No.
which forms part of this Certificate

IEC 62109-1:2010 and IEC 62109-2:2011

6151010.50(A-B)

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