

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

*When more than one factory*

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 R1-3.68K**

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

**Product data – type 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

**Product data – type 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

**Product data – type 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

**Product data – type 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:

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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Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

Additional information

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

L/N/PE, 220 / 230 Vac, 50 / 60 Hz, max 27,3 A,  
rated Power 6000 W, max. Power 6000 VA

R1-3.68K, R1-4K, R1-5K, R1-5K-A and R1-6K

 [Additional information on page 2](#)

IEC 62109-1:2010 and IEC 62109-2:2011  
6151011.50(A-B)

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