

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

Operating Altitude: ≤ 2000 m

Product data – type 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

Product data – type 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

Product data – type 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

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

This CB Test Certificate is issued by the National Certification Body

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

Date: 2024-05-28

Signature: R Zhou



Ref. Certif. No.

NL-107695

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Model / Type Ref.

R1-10K, R1-10K5 and R1-8K

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

6183567.50(A-B)

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