

CERTIFICATE OF CONFORMITY

Issued to: Renac Power Technology Co., Ltd.
Block C-12, No. 20 Datong Road, Comprehensive Bonded Zone, Suzhou Hi-Tech
District, Suzhou, China

For the product: PV Grid-tied Inverter
Trade name: **RENAC**

Type/Model: R1-6K

Ratings: See Annex

Manufactured by: Renac Power Technology Co., Ltd.
Block C-12, No. 20 Datong Road, Comprehensive Bonded Zone, Suzhou Hi-Tech
District, Suzhou, China

Requirements: IEC 61683:1999

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6209220.51.

The examination has been carried out on one single specimen of the product. 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 Test Certificate expires at the latest on 25 November 2029 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 25 November 2024

Number: 6209220.02COC

DEKRA Testing and Certification (Shanghai) Ltd.


Cliff Lin
Certification Manager



PCA-141

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Annex

Document no. : 6209220.02COC

Model	R1-6K
PV input ratings	
Max. PV input voltage (V)	600
MPPT voltage range (V)	80 ~ 550
No. of MPPT trace paths	2
Max. PV input current(A)	16 / 16
Max. Short-circuit current (A)	20 / 20
AC ratings (Grid)	
Max. AC output apparent power (VA)	6000
Rated output power (W)	6000
Max. AC output current (A)	27.3
Rated AC output current (A)	26
Rated output voltage (V)	L / N / PE, 230
Rated output frequency (Hz)	50
Adjustable power factor (cosφ)	0.8 leading ~ 0.8 lagging
Environment limit	
Weight (kg)	10
Ingress protection (IP) rating	IP65
Operating ambient temperature range (°C)	-25 ~ +60
Max. operating altitude (m)	≤ 2000
Protective class	I
Firmware version	V1.34

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