

# 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: Hybrid Inverter  
Trade name: **RENAC**

Type/Model: N3-30K

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. 6209220.50.

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.

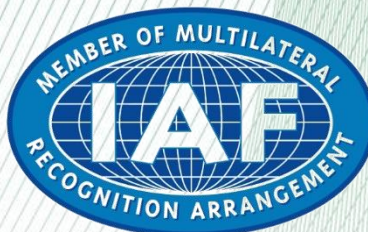
This Test Certificate expires at the latest on 22 November 2029 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 22 November 2024

Number: 6209220.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

  
Cliff Lin  
Certification Manager



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PCA-141

# Annex

Document no. : 6209220.01COC

Model	N3-30K
<b>PV input ratings</b>	
Max. PV input voltage (V)	1000
MPPT voltage range (V)	180 ~ 960
No. of MPPT trace paths	3
Max. PV input current(A)	36 / 36 / 36
Max. Short-circuit current (A)	46 / 46 / 46
<b>AC ratings (Grid)</b>	
Max. AC output apparent power (VA)	33000
Rated output power (W)	30000
Max. AC input current (A)	63.0
Max. AC output current (A)	50
Rated AC output current (A)	45.5
Rated output voltage (V)	3 / N / PE, 230 / 400
Rated output frequency (Hz)	50
Adjustable power factor (cosφ)	0.8 leading ~ 0.8 lagging
<b>AC output ratings (Backup)</b>	
Rated output voltage (V)	3 / N / PE, 220 / 380, 230 / 400
Frequency range (Hz)	50 / 60
Rated output power (W)	30000
<b>Battery ratings</b>	
Battery type	Lithium
Battery voltage range (V)	180 ~ 800
Max charge/discharge current (A)	50 / 50
Max charge/discharge power (W)	30000 / 30000
<b>Environment limit</b>	
Weight (kg)	48
Ingress protection (IP) rating	IP66
Operating ambient temperature range (°C)	-30 ~ +60
Max. operating altitude (m)	≤ 2000
Protective class	I
Firmware version	1.00

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