



Product Service

# CERTIFICATE

No. Z2 108456 0003 Rev. 01

**Holder of Certificate:** **Renac Power Technology Co., Ltd**  
Building 6, No.2, West Jinzhi Road  
High-Tech District  
215151 Suzhou City, Jiangsu Province  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**



**Product:** **Converter**  
**(PV grid-interactive inverter)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290160004402E

**Valid until:** 2022-12-20

**Date,** 2021-06-29

( Billy Qiu )

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Model(s): **NAC50K, NAC60K, NAC60K-HV**

## Parameters:

Model	NAC50K	NAC60K	NAC60K-HV
V <sub>max</sub> PV	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.
I <sub>sc</sub> PV	38 Ad.c. x 3	42 Ad.c. x 3	42 Ad.c. x 3
Max. Continuous output current	72 Aa.c.	87 Aa.c.	72 Aa.c.
Nominal output power	50 kW	60 kW	60 kW
Max. Continuous output power	55 kVA	66 kVA	66 kVA
Nominal AC voltage	3/N/PE, 230/400 Va.c.	3/N/PE, 230/400 Va.c.	3~PE, 480 Va.c.
Nominal Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Power factor (full load)	>0,99	>0,99	>0,99
Protective class	I	I	I
Ingress protection	IP65	IP65	IP65

**Tested  
according to:**

IEC 62109-1(ed.1)  
IEC 62109-2(ed.1)  
IEC 61727(ed.2)  
IEC 62116(ed.2)