



Product Service

Attestation of Conformity

No. E8A 108456 0008 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

Name of Object: **Converter**
(PV grid-interactive inverter)

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with all essential requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 6877220000602A

Date, 2021-07-22

(Laurent Yuan)

Page 1 of 2

After preparation of the necessary technical documentation as well as the EU Declaration of conformity the required CE marking can be affixed on the product. That Declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



Product Service

Attestation of Conformity

No. E8A 108456 0008 Rev. 01

Model(s): NAC60K-LV, NAC70K, NAC75K, NAC80K

Description of Object:

Ratings: See below table for details

Model	NAC60K-LV	NAC70K	NAC75K	NAC80K
V _{max} PV	1100 Vd.c.	1100 Vd.c.	1100 Vd.c.	1100 Vd.c.
I _{SC} PV	45 Ad.c. × 4	45 Ad.c. × 4	60 Ad.c. × 2 45 Ad.c. × 2	60 Ad.c. × 2 45 Ad.c. × 2
PV input operating voltage range	200 ~ 1000 Vd.c.	200 ~ 1000 Vd.c.	200 ~ 1000 Vd.c.	200 ~ 1000 Vd.c.
Maximum operating PV input current	33 Ad.c. × 4	33 Ad.c. × 4	44 Ad.c. × 2 33 Ad.c. × 2	44 Ad.c. × 2 33 Ad.c. × 2
Nominal output voltage	3P /N/ PE, 400Va.c.	3P /N/ PE, 400Va.c.	3P /N/ PE, 400Va.c.	3P /N/ PE, 400Va.c.
Nominal output frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Maximum continuous output current	95.3 Aa.c.	111.1 Aa.c.	109.0 Aa.c.	127.0 Aa.c.
Maximum continuous output power	66 KW	77 KW	75 KW	88 KW
Power factor (Cos φ)	0.8 leading ~ 0.8 lagging	0.8 leading ~ 0.8 lagging	0.8 leading ~ 0.8 lagging	0.8 leading ~ 0.8 lagging
Protect class	I	I	I	I
Oversvoltage category (OVC)	II (PV), III (Grid)	II (PV), III (Grid)	II (PV), III (Grid)	II (PV), III (Grid)
Pollution degree	PD 3	PD 3	PD 3	PD 3
Ingress protection	IP 65	IP 65	IP 65	IP 65
Ambient temperature range	-40°C to 60°C (derating above 45°C)	-40°C to 60°C (derating above 45°C)	-40°C to 60°C (derating above 45°C)	-40°C to 60°C (derating above 45°C)

Tested according to:

EN IEC 61000-6-4:2019
 EN IEC 61000-6-2:2019
 EN 61000-3-12:2011
 EN IEC 61000-3-11:2019