

# CERTIFICATE

No. Z2 108456 0003 Rev. 02

Holder of Certificate:



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.: 64290160004402D

Valid until: 2022-12-20

Date, 2020-05-28



( Billy Qiu )

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

## Parameters:

Model	NAC50K	NAC60K	NAC60K-HV
Vmax PV	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.
Isc 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 Hz	50 Hz	50 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)  
IEC 61683:1999  
IEC 61000-3-11  
IEC 61000-4-7  
IEC 61000-3-2  
NBR 16149:2013  
NBR 16150:2013  
IEC 62116:2012

**Production  
Facility(ies):**

076189