



Product Service

# CERTIFICATE

No. B 091566 0036 Rev. 00

**Holder of Certificate:** **SINENG ELECTRIC CO.,LTD.**

No.6 Hehui Road, Huishan District  
214174 Wuxi City  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**



**Product:**

**Converter**  
**GRID-CONNECTED PV 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.:** 704092230210-00

**Valid until:** 2027-11-06

**Date,** 2022-11-11

( Zhengdong Ma )

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**Model(s):** SN3.0PT, SN4.0PT, SN5.0PT,  
SN6.0PT, SN8.0PT, SN8.0PT-B,  
SN10PT, SN10PT-B, SN12PT,  
SN12PT-B

## Parameters:

DC Input	
Max. Input voltage:	1100 Vd.c.
Max. Input current:	16/16 Ad.c. (SN3.0PT, SN4.0PT, SN5.0PT, SN6.0PT, SN8.0PT, SN10PT, SN12PT) 25 Ad.c. (SN8.0PT-B, SN10PT-B, SN12PT-B)
Isc PV Current:	25/25 Ad.c. (SN3.0PT, SN4.0PT, SN5.0PT, SN6.0PT, SN8.0PT, SN10PT, SN12PT) 35 Ad.c. (SN8.0PT-B, SN10PT-B, SN12PT-B)
MPP Voltage Range:	140...1000 Vd.c.
AC Output	
Rated output voltage:	3/N/PE 230/400 Va.c.
Rated output frequency:	50/60 Hz
Rated output power:	3 kW (SN3.0PT) 4 kW (SN4.0PT) 5 kW (SN5.0PT) 6 kW (SN6.0PT) 8 kW (SN8.0PT, SN8.0PT-B) 10 kW (SN10PT, SN10PT-B) 12 kW (SN12PT, SN12PT-B)
Max. Output Apparent Power	3.3 kVA (SN3.0PT) 4.4 kVA (SN4.0PT) 5.5 kVA (SN5.0PT) 6.6 kVA (SN6.0PT) 8.8 kVA (SN8.0PT, SN8.0PT-B) 11 kVA (SN10PT, SN10PT-B) 13.2 kVA (SN12PT, SN12PT-B)
Max. output current:	4.8 Aa.c. (SN3.0PT) 6.4 Aa.c. (SN4.0PT) 8 Aa.c. (SN5.0PT) 9.6 Aa.c. (SN6.0PT) 12.8 Aa.c. (SN8.0PT, SN8.0PT-B) 15.9 Aa.c. (SN10PT, SN10PT-B) 19.1 Aa.c. (SN12PT, SN12PT-B)
Power factor range:	0.8 (leading)...0.8 (lagging)
Protection class	I
Ingress Protection	IP66
Operating Temperature Range	-25°C ... +60°C
Overvoltage category	III [AC], II [DC]

**Tested according to:** EN 62109-1:2010  
EN 62109-2:2011  
IEC 62109-1:2010  
IEC 62109-2:2011