



Product Service

Attestation of Conformity

No. N8A 091566 0037 Rev. 00

Holder of Certificate: **SINENG ELECTRIC CO.,LTD.**
No.6 Hehui Road, Huishan District
214174 Wuxi City
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
GRID-CONNECTED PV INVERTER

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection 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.: 704092230210-00

Date, 2022-11-11



(Zhengdong Ma)

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. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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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