

Compliance Document

No. D 091566 0051 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 Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64772238001901

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(Tony Liu)

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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 IEC 61000-3-2:2019/A1:2021
EN 61000-3-3:2013/A2:2021
EN IEC 61000-3-11:2019
EN 61000-3-12:2011