

# Compliance Document

No. D 091566 0044 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704092105402-00

**Date,** 2023-01-09



( Zhengdong Ma )

# Compliance Document

No. D 091566 0044 Rev. 00

**Model(s):** SN12PT-X, SN15PT, SN17PT,  
SN20PT, SN23PT, SN25PT, SN28PT

## Parameters:

V <sub>max</sub> PV(absolute max.):	DC 1100V
MPPT voltage range:	DC 140-1000V
Max. input current:	DC 32 / 20A (SN12PT-X, SN15PT) DC 32 / 32A (SN17PT, SN20PT) DC 40 / 32A (SN23PT, SN25PT, SN28PT)
I <sub>sc</sub> PV(absolute max.):	DC 50 / 25A (SN12PT-X, SN15PT) DC 50 / 50A (SN17PT, SN20PT, SN23PT, SN25PT, SN28PT)
AC nominal voltage:	3/N/PE~ 230/400V
AC nominal frequency:	50Hz
Rated output power:	12kW (SN12PT-X) 15kW (SN15PT) 17kW (SN17PT) 20kW (SN20PT) 23kW (SN23PT) 25kW (SN25PT) 28kW (SN28PT)
Max. output apparent power:	12kW (SN12PT-X) 15kW (SN15PT) 17kW (SN17PT) 20kW (SN20PT) 23kW (SN23PT) 25kW (SN25PT) 28kW (SN28PT)
Max. output current:	19.1Aa.c. (SN12PT-X) 23.9Aa.c. (SN15PT) 27.1Aa.c. (SN17PT) 31.9Aa.c. (SN20PT) 36.7Aa.c. (SN23PT) 39.9Aa.c. (SN25PT) 40.6Aa.c. (SN28PT)
Power factor:	0.8 leading...0.8 lagging
Protection class:	I
Degree of protection:	IP66
Overvoltage category:	II(DC), III(AC)
Operating temperature range:	-25°C ... +60°C

**Tested  
according to:**

IEC 61727:2004  
IEC 62116:2014  
IEC 61683:1999  
EN 50530:2010/A1:2013  
IEC 60068-2-1:2007  
IEC 60068-2-2:2007  
IEC 60068-2-14:2009  
IEC 60068-2-30:2005