



Compliance Document

No. D 091566 0091 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 HYBRID 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.:

704092407514-00

Date,

2024-05-16

(Zhengdong Ma)

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Model(s): SN5.0HT, SN6.0HT, SN8.0HT, SN10HT, SN10HT-X, SN12HT, SN15HT

Parameters:

Model	SN5.0HT	SN6.0HT	SN8.0HT
PV Input Parameters:			
Max. Input Voltage	DC 1000 V		
Max. Input Current	DC 18/18 A		
Isc PV (Absolute Max.)	DC 25/25 A		
MPPT Voltage Range	DC 160, ..., 950 V		
AC Output Parameters:			
Nominal Output Power	5 kW	6 kW	8 kW
Rated Apparent Output Power	5 kVA	6 kVA	8 kVA
Max. Apparent Output Power	5.5 kVA	6.6 kVA	8.8 kVA
Nominal Voltage	3/N/PE AC 230/400 V		
Nominal Frequency	50 Hz		
Rated Output Current	AC 7.3 A	AC 8.7 A	AC 11.6 A
Max. Output Current	AC 8.0 A	AC 9.6 A	AC 12.8 A
Power Factor	0.8(leading), ..., 0.8(lagging)		
Battery			
Voltage Range	DC 160, ..., 600 V		
Rated(Max.) Charge/Discharge Current	DC 25/25 A		
Battery Type	Li-ion		

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Model	SN10HT
PV Input Parameters:	
Max. Input Voltage	DC 1000 V
Max. Input Current	DC 18/18 A
Isc PV (Absolute Max.)	DC 25/25 A
MPPT Voltage Range	DC 160, ..., 950 V
AC Output Parameters:	
Nominal Output Power	10 kW
Rated Apparent Output Power	10 kVA
Max. Apparent Output Power	11 kVA
Nominal Voltage	3/N/PE AC 230/400 V
Nominal Frequency	50 Hz
Rated Output Current	AC 14.5 A
Max. Output Current	AC 16.0 A
Power Factor	0.8(leading), ..., 0.8(lagging)
Battery	
Voltage Range	DC 160, ..., 600 V
Rated(Max.) Charge/Discharge Current	DC 25/25 A
Battery Type	Li-ion

Model	SN10HT-X	SN12HT	SN15HT
PV Input Parameters:			
Max. Input Voltage	DC 1000 V		
Max. Input Current	DC 32/18 A		
Isc PV (Absolute Max.)	DC 40/25 A		
MPPT Voltage Range	DC 160, ..., 950 V		
AC Output Parameters:			
Nominal Output Power	10 kW	12 kW	15 kW
Rated Apparent Output Power	10 kVA	12 kVA	15 kVA
Max. Apparent Output Power	11 kVA	13.2 kVA	16.5 kVA
Nominal Voltage	3/N/PE AC 230/400 V		
Nominal Frequency	50 Hz		
Rated Output Current	AC 14.5 A	AC 17.4 A	AC 21.8 A
Max. Output Current	AC 16.0 A	AC 19.2 A	AC 24 A
Power Factor	0.8(leading), ..., 0.8(lagging)		
Battery			
Voltage Range	DC 160, ..., 600 V		
Rated(Max.) Charge/Discharge Current	DC 30/30 A		
Battery Type	Li-ion		

Tested
according to:

IEC 61727:2004
IEC 62116:2014