



Product Service

CERTIFICATE

No. B 091566 0059 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: **PV inverter**
Single Phase Hybrid 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

Test report no.: 50409230013137-00

Valid until: 2028-08-06

Date, 2023-08-16

(Zhengdong Ma)

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Model(s): SN3.0HS, SN3.68HS, SN4.0HS, SN5.0HS, SN6.0HS

Parameters:

Model	SN3.0HS	SN3.68HS	SN4.0HS	SN5.0HS	SN6.0HS
PV Input (DC)					
Max. Input Voltage	600Vd.c.				
Max. Input Current	16/16Ad.c.				
Isc PV(absolute max.)	25/25Ad.c.				
MPPT Voltage Range	90-560Vd.c.				
Battery (DC)					
Voltage Range	85-460Vd.c.				
Max. Charge/Discharge Current	25/25Ad.c.				
Battery Type	Li-ion				
On-grid (AC Output/Input)					
Rated Voltage:	1/N/PE 230Va.c.				
Rated Frequency:	50/60Hz				
Rated Output Power	3kW	3.68kW	4kW	5kW	6kW
Max. Apparent Output Power	3kVA	3.68kVA	4kVA	5kVA	6kVA
Max. Output Current	13Aa.c.	16Aa.c.	17.4Aa.c.	21.7Aa.c.	26.1Aa.c.
Max. Input Power	6kW	7.36kW	8kW	10kW	12kW
Max. Current From Grid	26Aa.c.	32Aa.c.	34.8Aa.c.	43.4Aa.c.	52.2Aa.c.
Power Factor	0.8(leading)-0.8(lagging)				

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Back-up(AC Output)					
Rated Voltage:	1/N/PE 230Va.c.				
Rated Frequency:	50/60Hz				
Rated Output Power	3kW	3.68kW	4kW	5kW	6kW
Max. Apparent Output Power	3kVA	3.68kVA	4kVA	5kVA	6kVA
Max. Output Current	13Aa.c.	16Aa.c.	17.4Aa.c.	21.7Aa.c.	26.1Aa.c.
Power Factor	0.8(leading)-0.8(lagging)				
General Data					
Protection Class	I				
Ingress Protection	IP65				
Operating Temperature	-25 to +60°C				
Overvoltage Category	II(PV), III(MAINS)				
Operating Altitude	4000m				

Tested according to:

IEC 62109-1:2010
 EN 62109-1:2010
 IEC 62109-2:2011
 EN 62109-2:2011
 IEC 62477-1:2012
 IEC 62477-1:2012/AMD1:2016
 EN 62477-1:2012/A12:2021