



Product Service

Attestation of Conformity

No. N8A 091566 0060 Rev. 00

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

Product: **PV inverter**
Single Phase Hybrid 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 conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 50409230013137-00

Date, 2023-08-16

(Zhengdong Ma)

Page 1 of 3

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.

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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)				

Page 2 of 3

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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:**

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

Page 3 of 3

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