

# Certificate of Conformity

Certificate Number: CN-PVES-260093

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

<b>Applicant:</b>	Sieyuan Electric Co., Ltd. 3399 HuaNing Road, Minhang District, Shanghai PEOPLE'S REPUBLIC OF CHINA
<b>Product:</b>	Hybrid Inverter
<b>Ratings &amp; Principal Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	SiH-2.5kW-SH, SiH-3kW-SH, SiH-3.6kW-SH
<b>Brand Name&lt;s&gt;:</b>	Sieyuan
<b>Product Complies with:</b>	G98 Issue 1 Amendment 7, 3 October 2022 Requirements for the connection of Fully Type Tested Micro-generators (up to and including 16 A per phase) in parallel with public Low Voltage Distribution Networks
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2 <sup>nd</sup> Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China
<b>Test Report No.&lt;s&gt;:</b>	2602B0298SHA-001

Additional information in Appendix.

Signature



**Certification Manager: Qiao Qiao**

**Date: 31 March 2026**

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-260093

### Ratings & Principal Characteristics:

MODEL	SiH-2.5kW-SH	SiH-3kW-SH	SiH-3.6kW-SH
<b>PV Input</b>			
Max. PV input voltage	600Vd.c.		
MPPT voltage range	40-650Vd.c.		
Max.PV Isc	20/20Ad.c.		
Max. PV input current	16/16Ad.c.		
<b>Battery Input</b>			
Battery Type	Li-ion battery		
Rated battery voltage	80V-460V		
Max.charging current	30A		
Max.Discharging current	30A		
<b>AC Input / output(Grid)</b>			
Rated AC output power	2500 W	3000 W	3680 W
Max. AC output apparent power	2500 VA	3000 VA	3680 VA
Rated AC output current (at 230V)	10.9 A	13.1 A	16 A
Max. AC output current	11.4 A	13.7 A	16 A
Rated AC voltage	220V/230V/240V		
Rated grid frequency	50Hz		
Power Factor	adj.0.8.leading to 0.8 lagging		
<b>General</b>			
Ambient Temperature	-25~ +60°C		
Protection Degree	IP65		
Protection Class	Class I		
Inverter topology	Transformerless		
Overvoltage Category	AC III, DC II		
safety firmware version:	ARM SIHXXSH_01_1_ARM.01.032 DSP SIHXXSH_01_1_MDSP.01.020		

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