



Product Service

# Attestation of Conformity

No. N8A 120194 0006 Rev. 00

**Holder of Attestation:** **Shanghai Sieyuan Watten Technology Co., Ltd.**  
Room 306, Building 1, HuaNing Road -  
No.3399  
Minhang District  
201108 Shanghai  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **PV inverter**  
**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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 5040923019201-00

**Date,** 2023-04-21

( Zhengdong Ma )

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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):** SiH-5kW-TH, SiH-6kW-TH, SiH-8kW-TH, SiH-10kW-TH

## Parameters:

Model	SiH-5kW-TH	SiH-6kW-TH
PV Input		
Max. PV input power	7500Wp	9000Wp
Max. PV input voltage	1000Vd.c.	
MPP voltage range	150...950Vd.c.	200...950Vd.c.
Max. PV input current	16A/16Ad.c.	16A/16Ad.c.
Short circuit current	20A/20Ad.c.	20A/20Ad.c.
Battery Data		
Battery type	Li-ion	
Battery voltage	150...600Vd.c.	
Max. continuous current	30Ad.c.(charge/discharge)	
Max. charge power	7500W	9000W
Max. discharge power	6000W	7200W
AC Output		
Rated output voltage	3/N/PE 220V/380Va.c. 3/N/PE 230V/400Va.c. 3/N/PE 240V/415Va.c.	
Rated AC active power	5000W	6000W
Max. apparent power	5500VA	6600 VA
Max. AC output current	8.4Aa.c.	10Aa.c.
Rated grid frequency	50/60Hz	
Adjustable power factor	-0.8...+0.8	

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AC Input		
Rated input voltage	3/N/PE 220V/380Va.c. 3/N/PE 230V/400Va.c. 3/N/PE 240V/415Va.c.	
Max. AC input current	18.9Aa.c.	22.7Aa.c.
Rated grid frequency	50/60Hz	
AC Backup		
Rated voltage	3/N/PE 220V/380Va.c. 3/N/PE 230V/400Va.c. 3/N/PE 240V/415Va.c.	
Max. active power	5000W	6000W
Max. current	7.6Aa.c.	9.1Aa.c.
Rated frequency	50/60Hz	
General Data		
Degree of protection	IP65	
Operating ambient temperature range	-25°C..60°C	
Protective Class	Class I	
Overvoltage category	AC III, DC II	
Topology(Solar/BAT)	Transformerless	

Model	SiH-8kW-TH	SiH-10kW-TH
PV Input		
Max. PV input power	12000Wp	15000Wp
Max. PV input voltage	1000Vd.c.	
MPP voltage range	200...950Vd.c.	200...950Vd.c.
Max. PV input current	16A/16Ad.c.	16A/32Ad.c.
Short circuit current	20A/20Ad.c.	20A/40Ad.c.
Battery Data		
Battery type	Li-ion	
Battery voltage	150...600Vd.c.	
Max. continuous current	30Ad.c.(charge/discharge)	
Max. charge power	10600W	10600W
Max. discharge power	10600W	10600W

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AC Output		
Rated output voltage	3/N/PE 220V/380Va.c. 3/N/PE 230V/400Va.c. 3/N/PE 240V/415Va.c.	
Rated AC active power	8000W	10000W
Max. apparent power	8800VA	11000 VA
Max. AC output current	13.3Aa.c.	16.7Aa.c.
Rated grid frequency	50/60Hz	
Adjustable power factor	-0.8...+0.8	
AC Input		
Rated input voltage	3/N/PE 220V/380Va.c. 3/N/PE 230V/400Va.c. 3/N/PE 240V/415Va.c.	
Max. AC input current	28.2Aa.c.	31.2Aa.c.
Rated grid frequency	50/60Hz	
AC Backup		
Rated voltage	3/N/PE 220V/380Va.c. 3/N/PE 230V/400Va.c. 3/N/PE 240V/415Va.c.	
Max. active power	8000W	10000W
Max. current	12.1Aa.c.	15.2Aa.c.
Rated frequency	50/60Hz	
General Data		
Degree of protection	IP65	
Operating ambient temperature range	-25°C..60°C	
Protective Class	Class I	
Overvoltage category	AC III, DC II	
Topology(Solar/BAT)	Transformerless	

**Tested according to:**

EN 62109-1:2010  
EN 62109-2:2011

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