



Product Service

CERTIFICATE

No. B 120194 0005 Rev. 00

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

Certification Mark:



Product: PV inverter
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.: 5040923019201-00

Valid until: 2028-04-19

Date, 2023-04-21

(Zhengdong Ma)

CERTIFICATE

No. B 120194 0005 Rev. 00

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	

CERTIFICATE

No. B 120194 0005 Rev. 00

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

CERTIFICATE

No. B 120194 0005 Rev. 00

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