



Product Service

CERTIFICATE

No. B 120194 0009 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.: 5040923023401-00

Valid until: 2028-07-04

Date, 2023-07-06

(Zhengdong Ma)

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Model(s): SiH-3.6kW-SL, SiH-5kW-SL, SiH-6kW-SL,
SeH-3.6kW-SL, SeH-5kW-SL, SeH-6kW-SL,
StH-3.6kW-SL, StH-5kW-SL, StH-6kW-SL

Parameters:

Model	SiH-3.6kW-SL, SeH-3.6kW-SL, StH-3.6kW-SL	SiH-5kW-SL, SeH-5kW-SL, StH-5kW-SL	SiH-6kW-SL, SeH-6kW-SL, StH-6kW-SL
1)PV input parameters:			
Max. Input Power	8700Wp	10000Wp	11000Wp
Max. Input Voltage	600Vd.c.		
MPP Voltage Range	40...560Vd.c.		
Max. Input Current	16/16Ad.c.	16/16Ad.c.	16/16Ad.c.
Short Circuit Current	20/20Ad.c.	20/20Ad.c.	20/20Ad.c.
2)Battery parameters:			
Battery Voltage Range	40...59Vd.c.		
Max. Charge Current	100Ad.c.	100Ad.c.	100Ad.c.
Max. Discharge Current	100Ad.c.	100Ad.c.	100Ad.c.
Max. Charge Power	5000W	5000W	5000W
Max. Discharge Power	5000W	5000W	5000W
Battery type	Li-ion		
3)AC-Output (Grid Side) Parameters:			
Rated Output Voltage	1/N/PE AC220V, 1/N/PE AC230V, 1/N/PE AC240V		
Rated Active Power	3680W	5000W	6000W
Rated Apparent Power	3680VA	5000VA	6000VA
Max. Apparent Power	3680VA	5000VA	6000VA
Max. Output Current	16.7Aa.c.	22.8Aa.c.	27.3Aa.c.
Rated Frequency	50 /60 Hz		

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4)AC Input Parameters:			
Rated Voltage:	1/N/PE AC220V, 1/N/PE AC230V, 1/N/PE AC240V		
Rated Frequency	50 /60 Hz		
Current (maximum continuous)	33.5Aa.c.	46Aa.c.	50Aa.c.
5)AC-Output (Back-up) parameters:			
Rated Output Voltage	1/N/PE AC220V, 1/N/PE AC230V, 1/N/PE AC240V		
Rated Active Power a.c.	6000W	6000W	6000W
Rated Apparent Power a.c.	6000VA	6000VA	6000VA
Max. Apparent Power a.c.	6000VA	6000VA	6000VA
Max. Output Current:	27.3Aa.c.	27.3Aa.c.	27.3Aa.c.
Rated Output Frequency	50 /60 Hz		
6)General Parameters:			
Power Factor Range	-0.8...+0.8		
Operating Temperature Range	-25...+60 °C		
Protective Class	Class I		
Ingress Protection	IP65		
Overvoltage Category	II(PV), III(MAINS)		

Tested according to: IEC 62109-1:2010
 EN 62109-1:2010
 IEC 62109-2:2011
 EN 62109-2:2011