

Compliance Document

No. D 120194 0015 Rev. 00

Holder of Certificate: **Shanghai Sieyuan Watten Technology Co., Ltd.**

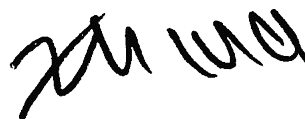
Room 306, Building 1, HuaNing Road - No.3399
Minhang District
201108 Shanghai
PEOPLE'S REPUBLIC OF CHINA

Product: **PV inverter**
Hybrid Inverter

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 5040923023420-00

Date, 2023-09-15



(Zhengdong Ma)

Compliance Document

No. D 120194 0015 Rev. 00

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

Parameters:

Model	SiH-3.6kW-SL	SiH-5kW-SL	SiH-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 AC230V		
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		
4)AC Input Parameters:			
Rated Voltage:	1/N/PE AC230V		
Rated Frequency	50 Hz		
Current (maximum continuous)	33.5Aa.c.	46Aa.c.	50Aa.c.
5)AC-Output (Back-up) parameters:			
Rated Output Voltage	1/N/PE AC230V		
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 Hz		
6)General Parameters:			
Power Factor Range	-0.8...+0.8		

**Tested
according to:**

NRS 097-2-1:2017 Edition 2.1