



Product Service

Compliance Document

No. D 120194 0019 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: **Energy Storage System
Grid-interactive inverter with storage
battery system**

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.: 5040923023415-00

Date, 2023-11-22

(Zhengdong Ma)



Compliance Document

No. D 120194 0019 Rev. 00

Model(s): Grid-interactive inverter:
SiH-3.6kW-SL, SiH-5kW-SL, SiH-6kW-SL
Storage battery system: SieB-L-M(1~6 pieces)

Parameters:
Please see pages 3 to 4.

Tested according to: CEI 0-21:2022/V1:2022

Compliance Document

No. D 120194 0019 Rev. 00

The following generators meet the requirements of CEI 0-21:2022/V1:2022				
Section A	Manufacturer	Shanghai Sieyuan Watten Technology Co., Ltd. Room 306, Building 1, HuaNing Road - No.3399 Minhang District, 201108 Shanghai, PEOPLE'S REPUBLIC OF CHINA		
	Equipment type	Grid-interactive inverter with storage battery system		
	Brand	Swatten		
	Number of phase	<input checked="" type="checkbox"/> Single phase <input type="checkbox"/> Three phase Frequency: 50Hz Voltage: a.c. 230V		
	Primary energy used	<input checked="" type="checkbox"/> Solar <input checked="" type="checkbox"/> Storage <input type="checkbox"/> Wind <input type="checkbox"/> Hydroelectric <input type="checkbox"/> CHP <input type="checkbox"/> Other: Note:		
	Generator model	SiH-3.6kW-SL	SiH-5kW-SL	SiH-6kW-SL
	Rated power	3680W / 3680VA	5000W / 5000VA	6000W / 6000VA
	The generator:	<input type="checkbox"/> is suitable for installation in systems with an output power of more than 11.08 kW <input checked="" type="checkbox"/> is capable of limiting Idc to 0.5% of rated current: <input checked="" type="checkbox"/> uses a DC-sensitive protection function <input type="checkbox"/> uses a transformer operating at mains frequency		
Section B	Characteristics of the interface protection system			
	Manufacturer	Shanghai Sieyuan Watten Technology Co., Ltd.		
	Model	SiH-3.6kW-SL, SiH-5kW-SL, SiH-6kW-SL		
	Type	<input checked="" type="checkbox"/> Integrated <input type="checkbox"/> Not integrated		
Section C	Characteristics of inverter(s)			
	Model of inverter	SiH-3.6kW-SL	SiH-5kW-SL	SiH-6kW-SL
	Manufacturer of inverter	Shanghai Sieyuan Watten Technology Co., Ltd.		
	Firmware version	SIHXXSL_01_1_MDSP.01.009, SIHXXSH_01_1_ARM.01.016		
	Rated power of inverter (PNINV)	3680W	5000W	6000W
Section E	Characteristics of the Storage System (SdA)			
	Representative Combination	SiH-3.6kW-SL with SieB-L-M(1~6 pieces)	SiH-5kW-SL with SieB-L-M(1~6 pieces)	SiH-6kW-SL with SieB-L-M(1~6 pieces)
	Psn (nominal discharge power)	3600W	5000W	5000W
	Pcn (nominal charging power)	3600W	5000W	5000W
	Psmax (max. discharge power)	3600W	5000W	5000W
	Pcmax (max. charging power)	3600W	5000W	5000W
	Type	<input checked="" type="checkbox"/> Bidirectional <input type="checkbox"/> Monodirectional		
	Batteries that can be used with the above static converters			

Compliance Document

No. D 120194 0019 Rev. 00

	Brand	Swatten
	Technology	Li-Ion
	Models	SieB-L-M
	CUS module (kWh)	5.12
	BMS firmware version	SST19-863-3.6
	Number of modules	1~6 pieces
	Note	Batteries are not contained in the inverter and should be installed according to local regulations and in accordance with instruction.
Section I	References of the laboratories that performed the tests and their test reports (RdP)	
	Selected method	<input checked="" type="checkbox"/> Tests performed under the supervision of a certification body
	Test Reports (RdP)	1) Test report according to Annex A & Bbis: 5040923023415-00
	Issued by	Testing lab: Shanghai Sieyuan Watten Technology Co., Ltd. Tests performed under supervision of certifier from TÜV SÜD Product Service GmbH
	Accreditation No.	D-ZE-11321-01-00
	Accreditation body ref.	DAKKS
Section M	Reference of the certification body	
	Certification Body	TÜV SÜD Product Service GmbH DAKKS accreditation certificate D-ZE-11321-01-00 according to DIN EN ISO/IEC 17065:2013