



Product Service

Compliance Document

No. D 091566 0070 Rev. 03

Holder of Attestation: **SINENG ELECTRIC CO.,LTD.**

No.6 Hehui Road, Huishan District
214174 Wuxi City
PEOPLE'S REPUBLIC OF CHINA

Product: **Energy Storage System
Grid-Connected Hybrid inverter with
storage battery system**

Model(s): **Grid-Connected Hybrid inverter:**
SN3.0HS, SN3.68HS, SN4.0HS, SN4.6HS, SN5.0HS, SN6.0HS,
SN3.0HS-X, SN3.68HS-X, SN4.0HS-X, SN4.6HS-X, SN5.0HS-X,
SN6.0HS-X

Storage battery system:
T7, T10, T14, RHP5.3-G5, RHP10.6-G5, RHP15.9-G5,
RHP21.2-G5, EB-6.4KWH-HB, EB-12.8KWH-HB,
EB-19.2KWH-HB, EB-25.7KWH-HB

Parameters: See next pages.

Tested according to: CEI 0-21:2022/V3:2025

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the particular sample. This compliance document makes no statement regarding the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092346211-03

Date, 2026-01-14

(Zhengdong Ma)



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Parameters:

The following generators meet the requirements of CEI 0-21:2022/V3:2025							
Section A	Manufacturer	SINENG ELECTRIC CO., LTD. No.6 Hehui Road, Huishan District 214174 Wuxi City PEOPLE'S REPUBLIC OF CHINA					
	Equipment type	Grid-Connected Hybrid inverter with storage battery system					
	Brand	SINENG					
	Number of phase	☒ Single phase ☐ Three phase Frequency: 50 Hz Voltage: a.c. 230 V					
	Primary energy used	☒ Solar ☒ Storage ☐ Wind ☐ Hydroelectric ☐ CHP ☐ Other:					
	Generator model	SN3.0HS	SN3.0HS-X	SN3.68HS/ SN3.68HS-X	SN4.0HS/ SN4.0HS-X		
	Rated power	3000 W / 3000 VA	3000 W / 3300 VA	3680 W / 3680 VA	4000 W / 4000 VA		
	Generator model	SN4.6HS/ SN4.6HS-X	SN5.0HS	SN5.0HS-X	SN6.0HS/ SN6.0HS-X		
	Rated power	4600 W / 4600 VA	5000 W / 5000 VA	5000 W / 5500 VA	6000 W / 6000 VA		
	The generator:	☐ is suitable for installation in systems with an output power of more than 11.08 kW ☒ is capable of limiting Idc to 0.5% of rated current ☒ uses a DC-sensitive protection function ☐ uses a transformer operating at mains frequency					
Section B	Characteristics of the interface protection system						
	Manufacturer	SINENG ELECTRIC CO., LTD.					
	Model	SN3.0HS, SN3.68HS, SN4.0HS, SN4.6HS, SN5.0HS, SN6.0HS, SN3.0HS-X, SN3.68HS-X, SN4.0HS-X, SN4.6HS-X, SN5.0HS-X, SN6.0HS-X					
	Type	☒ Integrated ☐ Not integrated					
Section C	Characteristics of inverter(s)						
	Model of inverter	SN3.0HS/ SN3.0HS-X	SN3.68HS/ SN3.68HS-X	SN4.0HS/ SN4.0HS-X	SN4.6HS/ SN4.6HS-X	SN5.0HS/ SN5.0HS-X	SN6.0HS/ SN6.0HS-X
	Manufacturer of inverter	SINENG ELECTRIC CO., LTD.					
	Firmware version	V1.00					
	Rated power of inverter (P _{NINV})	3000 W	3680 W	4000 W	4600 W	5000 W	6000 W



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Section E	Characteristics of the Storage System (SdA)			
	Representative Combination	SN3.0HS with T7, T10, T14	SN3.0HS-X with T7, T10, T14	SN3.68HS/SN3.68HS-X with T7, T10, T14
	Psn (nominal discharge power)	3000 W	3300 W	3680 W
	Pcn (nominal charging power)	3000 W	3300 W	3680 W
	Psmax (max. discharge power)	3000 W	3300 W	3680 W
	Pcmax (max. charging power)	3000 W	3300 W	3680 W
	Representative Combination	SN4.0HS/SN4.0HS-X with T7, T10, T14	SN4.6HS/ SN4.6HS-X/ SN5.0HS/SN5.0HS-X / SN6.0HS/SN6.0HS-X with T7	SN4.6HS/ SN4.6HS-X with T10, T14
	Psn (nominal discharge power)	4000 W	4260 W	4600 W
	Pcn (nominal charging power)	4000 W	4260 W	4600 W
	Psmax (max. discharge power)	4000 W	4260 W	4600 W
	Pcmax (max. charging power)	4000 W	4260 W	4600 W
	Representative Combination	SN5.0HS with T10, T14	SN5.0HS-X with T10, T14	SN6.0HS/SN6.0HS-X with T10, T14
	Psn (nominal discharge power)	5000 W	5500 W	6000 W
	Pcn (nominal charging power)	5000 W	5500 W	6000 W
	Psmax (max. discharge power)	5000 W	5500 W	6000 W
	Pcmax (max. charging power)	5000 W	5500 W	6000 W
	Representative Combination	SN3.0HS with RHP5.3-G5, RHP10.6-G5, RHP15.9-G5, RHP21.2-G5	SN3.0HS-X with RHP5.3-G5, RHP10.6-G5, RHP15.9-G5, RHP21.2-G5	SN3.68HS/SN3.68HS- X with RHP5.3-G5, RHP10.6-G5, RHP15.9-G5, RHP21.2-G5
	Psn (nominal discharge power)	3000 W	3300 W	3680 W
	Pcn (nominal charging power)	3000 W	3300 W	3680 W
	Psmax (max. discharge power)	3000 W	3300 W	3680 W
	Pcmax (max. charging power)	3000 W	3300 W	3680 W
	Representative Combination	SN4.0HS/SN4.0HS-X with RHP5.3-G5, RHP10.6-G5, RHP15.9-G5, RHP21.2-G5	SN4.6HS/ SN4.6HS-Xwith RHP5.3-G5, RHP10.6-G5, RHP15.9-G5, RHP21.2-G5	SN5.0HS/SN5.0HS-X/SN6.0HS/ SN6.0HS-X with RHP5.3-G5, RHP10.6-



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				G5, RHP15.9-G5, RHP21.2-G5
Psn (nominal discharge power)	4000 W	4600 W	5000 W	
Pcn (nominal charging power)	4000 W	4600 W	5000W	
Psmax (max. discharge power)	4000 W	4600 W	5000 W	
Pcmx (max. charging power)	4000 W	4600 W	5000 W	
Representative Combination	SN5.0HS-X/SN6.0HS/ SN6.0HS-X with RHP5.3-G5	SN5.0HS-X with RHP10.6-G5, RHP15.9-G5, RHP21.2-G5	SN6.0HS/SN6.0HS-X with RHP10.6-G5, RHP15.9-G5, RHP21.2-G5	
Psn (nominal discharge power)	5000 W	5500 W	6000 W	
Pcn (nominal charging power)	5000 W	5500 W	6000 W	
Psmax (max. discharge power)	5000 W	5500 W	6000 W	
Pcmx (max. charging power)	5000 W	5500 W	6000 W	
Representative Combination	SN3.0HS with EB-6.4KWH-HB, EB-12.8KWH-HB, EB-19.2KWH-HB, EB-25.7KWH-HB	SN3.0HS-X/SN3.68HS/ SN3.68HS- X/SN4.0HS/ SN4.0HS-X/SN4.6HS/ SN4.6HS-X/SN5.0HS/ SN5.0HS-X/SN6.0HS/ SN6.0HS-X with EB-6.4KWH-HB	SN3.0HS-X with EB-12.8KWH-HB, EB-19.2KWH-HB, EB-25.7KWH-HB	
Psn (nominal discharge power)	3000 W	3000 W	3300 W	
Pcn (nominal charging power)	3000 W	3000 W	3300 W	
Psmax (max. discharge power)	3000 W	3000 W	3300 W	
Pcmx (max. charging power)	3000 W	3000 W	3300 W	
Representative Combination	SN3.68HS/SN3.68HS- X with EB-12.8KWH-HB, EB-19.2KWH-HB, EB-25.7KWH-HB	SN4.0HS/ SN4.0HS-X with EB-12.8KWH-HB, EB-19.2KWH-HB, EB-25.7KWH-HB	SN4.6HS/ SN4.6HS-X with EB-12.8KWH-HB, EB-19.2KWH-HB, EB-25.7KWH-HB	
Psn (nominal discharge power)	3680 W	4000 W	4600 W	
Pcn (nominal charging power)	3680 W	4000 W	4600 W	
Psmax (max. discharge power)	3680 W	4000 W	4600 W	
Pcmx (max. charging power)	3680 W	4000 W	4600 W	



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charging power)			
Representative Combination	SN5.0HS with EB-12.8KWH-HB, EB-19.2KWH-HB, EB-25.7KWH-HB	SN5.0HS-X with EB-12.8KWH-HB, EB-19.2KWH-HB, EB-25.7KWH-HB	SN6.0HS/ SN6.0HS-X with EB-12.8KWH-HB, EB-19.2KWH-HB, EB-25.7KWH-HB
Psn (nominal discharge power)	5000 W	5500 W	6000 W
Pcn (nominal charging power)	5000 W	5500 W	6000 W
Psmax (max. discharge power)	5000 W	5500 W	6000 W
Pcmax (max. charging power)	5000 W	5500 W	6000 W
Type	☒ Bidirectional ☐ Monodirectional		
Batteries that can be used with the above inverters			
Brand	Dyness		
Technology	Li-Ion		
Models	T7	T10	T14
CUS module (kWh)	7.0	10.66	14.21
BMS firmware version	V7.36		
Note	Batteries are not contained in the inverter and should be installed according to local regulations and in accordance with Dyness instruction.		
Brand	SINENG		
Technology	Li-Ion		
Models	RHP5.3-G5	RHP10.6-G5	RHP15.9-G5
CUS module (kWh)	5.3	10.6	15.9
BMS firmware version	BCMU-HV-52AH-V1.0		
Note	Batteries are not contained in the inverter and should be installed according to local regulations and in accordance with SINENG instruction.		
Brand	SINENG		
Technology	Li-Ion		
Models	EB-6.4KWH-HB	EB-12.8KWH-HB	EB-19.2KWH-HB
CUS module (kWh)	6.4	12.8	19.2
BMS firmware version	BMSP6006C_SN_C1_download_can_V2.7(2025.09.01)		
Note	Batteries are not contained in the inverter and should be installed according to local		

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		regulations and in accordance with SINENG instruction.
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