

Certificate of Conformity

Certificate Number: CN-PV-220117

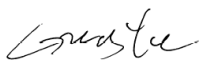
On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	Shenzhen SOFARSOLAR Co., Ltd. 11/F., Gaoxinqi Technology Building, No.67 Area, Xingdong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, China
Product:	Inverter Module
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	ESI 3K-S1, ESI 3.68K-S1, ESI 4K-S1, ESI 4.6K-S1, ESI 5K-S1, ESI 5K-S1-A, ESI 6K-S1
Brand Name<s>:	
Product Complies with:	G99 Issue 1 Amendment 8, 1 September 2021 Requirements for the connection of generation equipment in parallel with public distribution networks
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by China National Accreditation Service for Conformity Assessment (CNAS C058-P) in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	220321043GZU-003

Certification procedure: SMS-PV-OP-19

Product certification scheme type: Type test

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 13 June 2022



中国认可
国际互认
产品
PRODUCT
CNAS C058-P

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220117.

MODEL	ESI 3K-S1	ESI 3.68K-S1	ESI 4K-S1	ESI 4.6K-S1	ESI 5K-S1	ESI 5K-S1-A	ESI 6K-S1
Max.DC input voltage	550Vdc						
MPPT voltage range	85~520Vdc						
Max.PV Isc	2*22.5A						
Rated battery voltage	400V						
Max.charging/discharging current	20A						
Max.charging/discharging power	3000W	3680W	4000W	4600W	5000W	5000W	6000W
Rated grid voltage	230V,50Hz						
Rated output voltage	230V,50/60Hz						
Max.output current	15A	16A	20A	20.9A	25A	22.7A	30A
Power Factor	1 default (adjustable+/-0.8)						
Rated output power	3000W	3680W	4000W	4600W	5000W	5000W	6000W
Rated apparent power	3000VA	3680VA	4000VA	4600VA	5000VA	5000VA	6000VA
Ambient Temperature	-10~ +45℃						
Protection Degree	IP65						
Protection Class	Class I						
Inverter topology	Non-Isolated						
Overvoltage Category	AC III, DC II						
Firmware version:	V000001						

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