



Test Verification of Conformity

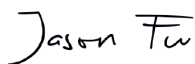
Verification Number: 220914073GZU-VOC001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>. This verification replaces previous verification 220531123GZU-VOC001 dated 27 Jul 2022.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of

Applicant Name & Address:	Shenzhen SOFARSOLAR Co., Ltd. 11/F., Gaoxingqi Technology Building, No.67 Area, Xingdong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, China.
Product Description:	Solar Grid-tied Inverter
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	SOFAR 3KTLM-G3, SOFAR 3.6KTLM-G3-J, SOFAR 3.6KTLM-G3, SOFAR 4KTLM-G3, SOFAR 4.6KTLM-G3, SOFAR 5KTLM-G3, SOFAR 5KTLM-G3-A, SOFAR 6KTLM-G3
Brand Name:	
Relevant Standards/Directives:	IEC/EN 62109-1: 2010 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements IEC/EN 62109-2: 2011 Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters Low Voltage Directive 2014/35/EU
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch. Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China
Date of Tests:	15 Sep 2022 to 21 Sep 2022
Test Report Number(s):	220531123GZU-001, Revision 1: 22 Sep 2022 220531123GZU-002, Revision 1: 22 Sep 2022

Additional information in Appendix.



Signature

Name: Jason Fu

Position: Supervisor

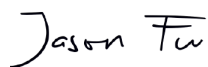
Date: 23 Sep 2022

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 220914073GZU-VOC001.

MODEL	SOFAR 3KTLM-G3	SOFAR 3.6KTLM-G3-J	SOFAR 3.6KTLM-G3	SOFAR 4KTLM-G3
Input (DC)				
Max. input voltage	600V			
Rated input voltage	380V			
MPPT operating voltage range	80V~550V			
Full power MPPT voltage range	200V~500V			
Max. input MPPT current	15A/15A			
Max. input short circuit current per MPPT	22.5A/22.5A			
Output (AC)				
Rated power	3000W	3600W	3680W	4000W
Rated Apparent power	3000VA	3600VA	3680VA	4000VA
Max. AC power	3300VA	3600VA	3680VA	4400VA
Rated output current	13.6A	15.65A	16A	18.2A
Max output current	15A	16A	16A	20A
Nominal grid voltage	230Vac			
Nominal frequency	50Hz/60Hz			
Power factor	1 default (+/-0.8 adjustable)			
Ambient temperature range	-30~+60°C			
Degree of protection	IP65			
Software Version	V000001			



Signature

Name: Jason Fu

Position: Supervisor

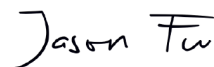
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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 220914073GZU-VOC001.

MODEL	SOFAR 4.6KTLM-G3	SOFAR 5KTLM-G3	SOFAR 5KTLM-G3-A	SOFAR 6KTLM-G3
Input (DC)				
Max. input voltage	600V			
Rated input voltage	380V			
MPPT operating voltage range	80V~550V			
Full power MPPT voltage range	200V~500V	210V~500V		260V~500V
Max. input MPPT current	15A/15A			
Max. input short circuit current per MPPT	22.5A/22.5A			
Output (AC)				
Rated power	4600W	5000W	5000W	6000W
Rated Apparent power	4600VA	5000VA	5000VA	6000VA
Max. AC power	4600VA	5500VA	5000VA	6000VA
Rated output current	21A	22.7A	21.7A	27.3A
Max output current	23A	25A	21.7A	29A
Nominal grid voltage	230Vac			
Nominal frequency	50Hz/60Hz			
Power factor	1 default (+/-0.8 adjustable)			
Ambient temperature range	-30~+60°C			
Degree of protection	IP65			
Software Version	V000001			



Signature

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