Test Verification of Conformity

Verification Number: 220531135GZU-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>.

Once compliance with all product relevant CE mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	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 Description:	Solar Grid-tied Inverter
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	SOFAR 7KTLM-G3，SOFAR 8KTLM-G3，SOFAR 9KTLM-G3， SOFAR 10KTLM-G3，SOFAR 10.5KTLM-G3
Brand Name:	SOFAR SOLAR
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:	24 Jun 2022 to 02 Aug 2022
Test Report Number(s):	220531135GZU-001, 220531135GZU-002

Additional information in Appendix.

Jason Fu

Signature

Name: Jason Fu
Position: Supervisor
Date: 04 Aug 2022

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 220531135GZU-VOC001.

MODEL	SOFAR 7KTLM-G3	SOFAR 8KTLM-G3	SOFAR 9KTLM-G3
Input (DC)			
Max. input voltage	600V		
MPPT operating voltage range	80V~550V		
Max. input current	20A/16A/16A		
Max. input short circuit current per MPPT	30A/25A/25A		
Output (AC)			
Rated power	7000W	8000W	9000W
Rated Apparent power	7000VA	8000VA	9000VA
Max. AC power	7700VA	8800VA	9900VA
Rated output current	30.4A	34.8A	39.1A
Max output current	35.0A	40.0A	45.0A
Nominal grid voltage	220Vac/230Vac		
Nominal frequency	50Hz/60Hz		
Power factor	1 default (+/-0.8 adjustable)		
Ambient temperature range	-30~+60℃		
Degree of protection	IP65		
Software Version	V000001		

Jason Fu

Signature

Name: Jason Fu
Position: Supervisor
Date: 04 Aug 2022

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 220531135GZU-VOC001.

MODEL	SOFAR 10KTLM-G3	SOFAR 10.5KTLM-G3
Input (DC)		
Max. input voltage	600V	
MPPT operating voltage range	80V~550V	
Max. input current	20A/16A/16A	
Max. input short circuit current per MPPT	30A/25A/25A	
Output (AC)		
Rated power	10000W	10500W
Rated Apparent power	10000VA	10500VA
Max. AC power	10000VA	10500VA
Rated output current	43.5A	45.6A
Max output current	46.0A	46.0A
Nominal grid voltage	220Vac/230Vac	
Nominal frequency	50Hz/60Hz	
Power factor	1 default (+/-0.8 adjustable)	
Ambient temperature range	-30~+60℃	
Degree of protection	IP65	
Software Version	V000001	

Jason Fu

Signature

Name: Jason Fu
Position: Supervisor
Date: 04 Aug 2022