Test Verification of Conformity

Verification Number: 230920209GZU-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
Models/Type References:	SOFAR 15KTLX-G3P, SOFAR 17KTLX-G3P, SOFAR 20KTLX-G3P, SOFAR 20KTLX2-G3P, SOFAR 23KTLX-G3P, SOFAR 25KTLX-G3P, SOFAR 30KTLX-G3P
Ratings & Principle Characteristics:	See Appendix
Brand Name:	SOFAR
Relevant Standards/Directives:	EN IEC 61000-6-3:2021 EN IEC 61000-6-1:2019 EN IEC 61000-6-4:2019 EN IEC 61000-6-2:2019 EMC Directive 2014/30/EU
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China
Date of Tests:	09 November 2023 to 07 December 2023
Test Report Number(s):	230920209GZU-001/002

Additional information in Appendix.

Sky Zhu

Signature

Name: Sky Zhu

Position: Team Leader

Date: 11 December 2023

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 230920209GZU-VOC001

Ratings & Principle Characteristics:

Model	SOFAR 15KTL X-G3P	SOFAR 17KTLX -G3P	SOFAR 20KTL X-G3P	SOFAR 20KTLX 2-G3P	SOFAR 23KTL X-G3P	SOFAR 25KTL X-G3P	SOFAR 30KTLX-G3P
Max. input Voltage	1100 Vdc						
MPPT voltage range	160 Vdc – 1000 Vdc						
Max. Input current	20A/32A			40A/32A			40A/40A
PV Isc	25A/40A			50A/40A			50A/50A
Rated AC output voltage	3/N/PE, 230/400Vac						
Rated output Frequency	50/60 Hz						
Max. AC output current	25.1 A	28.5 A	33.5 A		38.5 A	41.8 A	50.2 A
Rated Output power	15000 W	17000 W	20000 W		23000 W	25000 W	30000 W
Max. apparent Power	16500 VA	18700 VA	22000 VA		25300 VA	27500 VA	33000 VA
Power factor	0.8 leading – 0.8 lagging						
Safety level	Class I						
Ingress Protection	IP 66						
Operation Ambient Temperature	-30℃ - 60℃						

Signature Sky Zhu

Name: Sky Zhu
Position: Team Leader
Date: 11 December 2023

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