

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  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: |  |
| 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. | |



Signature

Name: Sky Zhu

Position: Team Leader

Date: 11 December 2023

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

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°C - 60°C | | | | | | |

Signature



Name: Sky Zhu

Position: Team Leader

Date: 11 December 2023

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.