

## Test Verification of Conformity

## Verification Number: 210623184GZU-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 C 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: INVT Solar Technology (Shenzhen) Co., Ltd.

> 6 th Floor, Block A, INVT Guangming Technology Building, Kejie Fourth Road, Shutianpu Community, Matian Guangming District, 518000 Shenzhen, PEOPLE'S REPUBLIC OF

**CHAINA** 

Grid-tied Solar inverter **Product Description:** 

iMars XG100KTR, iMars XG100KTR-F, iMars XG110KTR, Models/Type References:

See Appendix

iMars XG110KTR-F, iMars XG136KTR-L, iMars XG136KTR-LF,

iMars XG136KTR-X, iMars XG136KTR-XF

Ratings & Principle

Characteristics:

Brand Name:

invt

Relevant Standards/Directives: EN IEC 61000-6-3:2021

EN IEC 61000-6-1:2019

EMC Directive 2014/30/EU

Verification Issuing Office 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. Name & Address:

Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China

Date of Tests: 30 July 2021- 25 August 2021

Test Report Number(s): 210623184GZU-001

Additional information in Appendix.

Signature

Name: Sky Zhu

**Position: Team Leader** Date: 02 September 2021

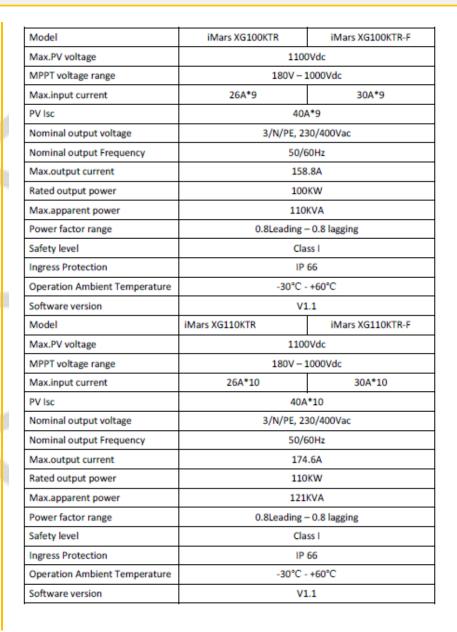
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## **APPENDIX: Test Verification of Conformity**

This is an Appendix to Test Verification of Conformity Number: 210623184GZU-VOC001

Ratings & Principle Characteristics:



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## **APPENDIX: Test Verification of Conformity**

This is an Appendix to Test Verification of Conformity Number: 210623184GZU-VOC001

Ratings & Principle Characteristics:

Model	iMars XG136KTR-L	iMars XG136KTR-LF
Max.PV voltage	1100Vdc	
MPPT voltage range	180V – 1000Vdc	
Max.input current	26A*12	30A*12
PV Isc	40A*12	
Nominal output voltage	3/N/PE, 277/480Vac	
Nominal output Frequency	50/60Hz	
Max.output current	<u>174.6A</u>	
Rated output power	136KW	
Max.apparent power	150KVA	
Power factor range	0.8Leading – 0.8 lagging	
Safety level	Class I	
Ingress Protection	IP 66	
Operation Ambient Temperature	-30°C - +60°C	
Software version	V1.1	
Model	iMars XG136KTR-X	iMars XG136KTR-XF
Max.PV voltage	1100Vdc	
MPPT voltage range	180V – 1000Vdc	
Max.input current	26A*12	30A*12
PV Isc	40A*12	
Nominal output voltage	3/N/PE, 311/540Vac	
Nominal output Frequency	50/60Hz	
Max.output current	160.4A	
Rated output power	136KW	
Max.apparent power	150KVA	
Power factor range	0.8Leading – 0.8 lagging	
Safety level	Class I	
Ingress Protection	IP 66	
Operation Ambient Temperature	-30°C - +60°C	
Software version	V1.1	

Signature

Name: Sky Zhu

Position: Team Leader Date: 02 September 2021

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