

Certificate of Conformity

Certificate Number: CN-PV-220043

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	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 CHINA
Product:	Grid-tied Solar inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	iMars XG100KTR, iMars XG100KTR-F, iMars XG110KTR, iMars XG110KTR-F, iMars XG136KTR-L, iMars XG136KTR-LF, iMars XG136KTR-X, iMars XG136KTR-XF
Brand Name<s>:	invt
Product Complies with:	NRS 097-2-1:2017 Edition 2.1
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	210623185GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 28 February 2022



PRD N° 306B

This Certificate 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 Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. 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.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220043.

Model	iMars XG100KTR	iMars XG100KTR-F	iMars XG110KTR	iMars XG110KTR-F
Max.PV voltage	1100Vdc			
MPPT voltage range	180V – 1000Vdc			
Max.input current	26A*9	30A*9	26A*10	30A*10
PV Isc	40A*9		40A*10	
Nominal output voltage	3/N/PE, 230/400Vac			
Nominal output Frequency	50Hz			
Max.output current	158.8A		174.6A	
Rated output power	100KW		110KW	
Max.apparent power	110KVA		121KVA	
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			

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APPENDIX: Certificate of Conformity

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Model	iMars XG136KTR-L	iMars XG136KTR-LF	iMars XG136KTR-X	iMars XG136KTR-XF
Max.PV voltage	1100Vdc			
MPPT voltage range	180V – 1000Vdc			
Max.input current	26A*12	30A*12	26A*12	30A*12
PV Isc	40A*12			
Nominal output voltage	3/N/PE, 277/480Vac		3/N/PE, 311/540Vac	
Nominal output Frequency	50Hz			
Max.output current	174.6A		160.4A	
Rated output power	136KW		136KW	
Max.apparent power	150KVA		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			

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