

Certificate of Conformity

Certificate Number: CN-PV-230052

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. 6th 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:	IEC 61727:2004 Photovoltaic (PV) systems – Characteristics of the utility interface IEC 62116:2014 Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd 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>:	220602098GZU-002, 220602098GZU-003

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 16 February 2023



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230052.

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/60Hz			
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/60Hz			
Max. output current	174.6A		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			

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