

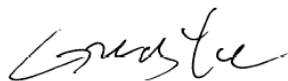
Certificate of Conformity

Certificate Number: CN-PV-220010

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 XG50KTR, iMars XG50KTRL, iMars XG50KTRL-S, iMars XG50KTR-S, iMars XG60KTR, iMars XG60KTRL, iMars XG60KTRL-S, iMars XG60KTR-S, iMars XG66KTRL, iMars XG66KTRL-S, iMars XG70KTRL, iMars XG70KTRL-S
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>:	210623190GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 14 Jan. 2022



PRD N° 306B

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220010.

Model	iMars XG50KTR	iMars XG50KTRL	iMars XG50KTRL-S	iMars XG50KTR-S
Max.PV voltage	1100Vdc			
MPPT voltage range	200V – 1000Vdc			
Max.input current	39A/26A/39A/26A		32A*4	
PV Isc	48A/32A/48A/32A		40A*4	
Nominal output voltage	3/N/PE, 230/400Vac	3/N/PE, 277/480Vac	3/N/PE, 277/480Vac	3/N/PE, 230/400Vac
Nominal output Frequency	50Hz			
Max.output current	79.7A	66.2A	66.2A	79.7A
Rated output power	50KW			
Max.apparent power	55KVA			
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	V1.0			

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-220010.

Model	iMars XG60KTR	iMars XG60KTRL	iMars XG60KTRL-S	iMars XG60KTR-S
Max.PV voltage	1100Vdc			
MPPT voltage range	200V – 1000Vdc			
Max.input current	39A*4		32A*4	
PV Isc	48A*4		40A*4	
Nominal output voltage	3/N/PE, 230/400Vac	3/N/PE, 277/480Vac	3/N/PE, 277/480Vac	3/N/PE, 230/400Vac
Nominal output Frequency	50Hz			
Max.output current	95.6A	79.4A	79.4A	95.6A
Rated output power	60KW			
Max.apparent power	66KVA			
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	V1.0			

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220010.

Model	iMars XG66KTRL	iMars XG66KTRL-S	iMars XG70KTRL	iMars XG70KTRL-S
Max.PV voltage	1100Vdc			
MPPT voltage range	200V – 1000Vdc			
Max.input current	39A*4	32A*4	39A*4	32A*4
PV Isc	48A*4	40A*4	48A*4	40A*4
Nominal output voltage	3/N/PE, 277/480Vac			
Nominal output Frequency	50Hz			
Max.output current	87.4A		92.6A	
Rated output power	66KW		70KW	
Max.apparent power	72.6KVA		77KVA	
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	V1.0			

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