

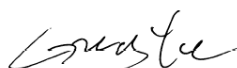
Certificate of Conformity

Certificate Number: CN-PV-230163

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 XG3KTL-1M, iMars XG3KTL-2M, iMars XG3.68KTL, iMars XG4KTL, iMars XG4.2KTL, iMars XG4.6KTL, iMars XG5KTL, iMars XG6KTL, iMars XG7KTL, iMars XG7KTL1, iMars XG8KTL, iMars XG8KTL1, iMars XG10KTL, iMars XG10KTL1
Brand Name<s>:	inv
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>:	230301065GZU-001, 230301065GZU-002

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 11 April 2023



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230163.

Model	iMars XG3KTL-1M	iMars XG3KTL-2M	iMars XG3.68KTL	iMars XG4KTL
Max. Input voltage	600Vdc			
MPPT voltage range	80 – 580Vdc			
Max. input current	20A	2*20A		
Isc PV	26A	2*26A		
Rated output power	3000W	3000W	3680W	4000W
Max. Output power	3300VA	3300VA	3680VA	4400VA
Nominal output voltage	230Vac			
Max. output current	15A	15A	16A	20A
Nominal output frequency	50/60 Hz			
Power factor range	0.8Leading ~ 0.8Lagging			
Safety level	Class I			
Ingress protection	IP66			
Operation ambient temperature	-30°C - +60°C			
Software version	VA1.0			

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Model	iMars XG4.2KTL	iMars XG4.6KTL	iMars XG5KTL	iMars XG6KTL
Max. Input voltage	600Vdc			
MPPT voltage range	80 – 580Vdc			
Max. input current	2*20A			
Isc PV	2*26A			
Rated output power	4200W	4600W	5000W	6000W
Max. Output power	4620VA	5000VA	5500VA	6600VA
Nominal output voltage	230Vac			
Max. output current	21A	23A	25A	30A
Nominal output frequency	50/60 Hz			
Power factor range	0.8Leading ~ 0.8Lagging			
Safety level	Class I			
Ingress protection	IP66			
Operation ambient temperature	-30°C - +60°C			
Software version	VA1.0			

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Model	iMars XG7KTL	iMars XG7KTL1	iMars XG8KTL	iMars XG8KTL1
Max. Input voltage	600Vdc			
MPPT voltage range	80 – 580Vdc			
Max. input current	2*20A	28A/14A	2*20A	28A/14A
Isc PV	2*26A	36.4A/18.2A	2*26A	36.4A/18.2A
Rated output power	7000W	7000W	8000W	8000W
Max. Output power	7700VA	7700VA	8800VA	8800VA
Nominal output voltage	230Vac			
Max. output current	35A	35A	40A	40A
Nominal output frequency	50/60 Hz			
Power factor range	0.8Leading ~ 0.8Lagging			
Safety level	Class I			
Ingress protection	IP66			
Operation ambient temperature	-30°C - +60°C			
Software version	VA1.0			

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Model	iMars XG10KTL	iMars XG10KTL1
Max. Input voltage	600Vdc	
MPPT voltage range	80 – 580Vdc	
Max. input current	2*20A	28A/14A
Isc PV	2*26A	36.4A/18.2A
Rated output power	10000W	10000W
Max. Output power	10000VA	10000VA
Nominal output voltage	230Vac	
Max. output current	45.5A	45.5A
Nominal output frequency	50/60 Hz	
Power factor range	0.8Leading ~ 0.8Lagging	
Safety level	Class I	
Ingress protection	IP66	
Operation ambient temperature	-30°C - +60°C	
Software version	VA1.0	

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