

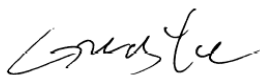
# Certificate of Conformity

Certificate Number: CN-PV-230009

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.

<b>Applicant:</b>	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.
<b>Product:</b>	Grid-tied Solar inverter
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	iMars XG25KTR-3M, iMars XG25KTR-3S, iMars XG30KTR, iMars XG30KTR-S, iMars XG33KTR, iMars XG33KTR-S, iMars XG36KTR, iMars XG36KTR-S, iMars XG40KTR, iMars XG40KTR-S
<b>Brand Name&lt;s&gt;:</b>	invt
<b>Product Complies with:</b>	CEI 0-21:2022: Reference technical rules for connection of active and passive users to the LV electrical Utilities Type approval for Type B
<b>Certificate Issuing Office Name &amp; Address:</b>	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
<b>Test Report No.&lt;s&gt;:</b>	221109076GZU-001 Issued by Intertek Testing Services Shenzhen Ltd. Guangzhou Branch accredited by IAS (TL-395) in accordance with ISO/IEC 17025:2017

Additional information in Appendix.



Signature

**Certification Manager: Grady Ye**

**Date: 10 January 2023**



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-230009.

Model	iMars XG25KTR-3M	iMars XG25KTR-3S	iMars XG30KTR	iMars XG30KTR -S
Max. PV voltage	1100Vdc			
MPPT voltage range	200V – 1000Vdc			
Max. input current	26A*3	16A*3	26A*3	16A*3
PV Isc	32A*3	20A*3	32A*3	20A*3
Nominal output voltage	3/N/PE, 230/400Vac			
Nominal output Frequency	50Hz			
Max. output current	40.1A		48.3A	
Rated output power	25KW		30KW	
Max. apparent power	27.7KVA		33.3KVA	
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

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Model	iMars XG33KTR	iMars XG33KTR -S	iMars XG36KTR	iMars XG36KTR -S
Max. PV voltage	1100Vdc			
MPPT voltage range	200V – 1000Vdc			
Max. input current	26A*3	16A*3	26A*4	16A*4
PV Isc	32A*3	20A*3	32A*4	20A*4
Nominal output voltage	3/N/PE, 230/400Vac			
Nominal output Frequency	50 Hz			
Max. output current	53A		57.8A	
Rated output power	33KW		36KW	
Max. apparent power	36.6KVA		39.6KVA	
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-230009.

Model	iMars XG40KTR	iMars XG40KTR -S
Max.PV voltage	1100V	
MPPT voltage range	200V – 1000V	
Max.input current	26A*4	16A*4
PV Isc	32A*4	20A*4
Nominal output voltage	3/N/PE, 230/400V	
Nominal output Frequency	50Hz	
Max.output current	64.3A	
Rated output power	40KW	
Max.apparent power	44KVA	
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-230009.

TYPE OF APPARATUS: Grid-tied Solar inverter			
Number of phases: three-phase			
DISCONNECTION DEVICE	INTERFACE PROTECTION DEVICE	DEVICE FOR CONVERSION	ROTATING GENERATOR DEVICE
		<input checked="" type="checkbox"/>	
Static converters in systems with capacity more than 11.08 kW The devices are capable to limit $I_{dc}$ to 0.5% of the rated grid current			

Manufacturer: INVT Solar Technology (Shenzhen) Co., Ltd.

Apparatus type: PV Grid inverter

Model: iMars XG25KTR-3M, iMars XG25KTR-3S, iMars XG30KTR, iMars XG30KTR-S, iMars XG33KTR, iMars XG33KTR-S, iMars XG36KTR, iMars XG36KTR-S, iMars XG40KTR, iMars XG40KTR-S

Brands: invt

Firmware Version: V1.0

Number of phases: Three-phase

Having examined the ISO 9001 certificate of the manufacturer No: FM 741214 issued by:  
BSI GROUP ASSURANCE LIMITED

The indicated product complies with CEI 0-21:2022: Reference technical rules for the connection of active and passive users to the LV electrical Utilities