


# Certificate of Conformity

Certificate Number: CN-PVES-220299R1

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>	Guangzhou Sanjing Electric Co., Ltd. No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China
<b>Product:</b>	PV Grid-connected Inverter
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	C6-75K-T6, C6-100K-T9, C6-110K-T12, C6-125K-T12, C6-75K-T6-40, C6-100K-T9-40, C6-110K-T12-40, C6-125K-T12-40
<b>Brand Name&lt;s&gt;:</b>	
<b>Product Complies with:</b>	CEI 0-16:2022-03 + V1:2022-11 + V2:2023-05: Reference technical rules for the connection of active and passive consumers to the HV and MV electrical networks of distribution Company 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>	221206002GZU-001, Revision 1: 10 April 2024 Issued by Intertek Testing Services Shenzhen Ltd. Guangzhou Branch accredited by IAS (TL-395) in accordance with ISO/IEC 17025:2017

Replaces certificate CN-PV-220299 dated 30 December 2022

Additional information in Appendix.

Signature

Certification Manager: Grady Ye

Date: 12 April 2024



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-PVES-220299R1

Model	C6-75K-T6	C6-100K-T9	C6-110K-T12	C6-125K-T12
Max. DC input Voltage	1100Vdc			
Operating MPPT voltage range	180Vdc – 1000Vdc			
Max. Input current	6*30A	9*30A	12*30A	12*30A
PV Isc	6*45A	9*45A	12*45A	12*45A
Nominal AC output voltage	3L/N/PE, 230/400Vac			
Nominal AC output Frequency	50/60Hz			
Rated AC output Power [KW]	75	100	110	125
Max. Output Power [KVA]	82.5	110	121	125
Max. output current [A]	119.1	158.8	174.6	180.4
Power factor	1 default (adjustable +/-0.8)			
Safety level	Class I			
Ingress Protection	IP 66			
Operation Ambient Temperature	-25°C ~ 60°C			
Software version	Master DSP: V0.114, Slave DSP: V0.083			

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## APPENDIX: Certificate of Conformity

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Model	C6-75K-T6-40	C6-100K-T9-40	C6-110K-T12-40	C6-125K-T12-40
Max. DC input Voltage	1100Vdc			
Operating MPPT voltage range	180Vdc – 1000Vdc			
Max. Input current	6*40A	9*40A	12*40A	12*40A
PV Isc	6*50A	9*50A	12*50A	12*50A
Nominal AC output voltage	3L/N/PE, 230/400Vac			
Nominal AC output Frequency	50/60Hz			
Rated AC output Power [KW]	75	100	110	125
Max. Output Power [KVA]	82.5	110	121	125
Max. output current [A]	119.1	158.8	174.6	180.4
Power factor	1default (adjustable +/-0.8)			
Safety level	Class I			
Ingress Protection	IP 66			
Operation Ambient Temperature	-25°C ~ 60°C			
Software version	Master DSP: V0.114, Slave DSP: V0.083			

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TYPE OF APPARATUS: Solar Grid-tied 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: Guangzhou Sanjing Electric Co., Ltd.

Apparatus type: PV Grid-connected Inverter

Model: C6-75K-T6, C6-100K-T9, C6-110K-T12, C6-125K-T12, C6-75K-T6-40, C6-100K-T9-40, C6-110K-T12-40, C6-125K-T12-40



Brands:

Firmware Version: Master DSP: V0.114, Slave DSP: V0.083

Number of phases: Three-phase

Nominal power: See Certificate for each model

Maximum power of the destination plant:  $\geq 400\text{KW}$

Plant class: Type B

Having examined the ISO 9001 certificate of the manufacturer No: U0022Q50048R2M, issued by:  
ZhongJian Certification Co., Ltd

The indicated product complies with CEI 0-16:2022-03 + V1:2022-11 + V2:2023-05: Reference technical rules for the connection of active and passive consumers to the HV and MV electrical networks of distribution Company.

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