

CERTIFICATE of Conformity



Registration No.: AK 50538793 0001

Report No.: CN22EOEK 001

Holder: Guangzhou Sanjing Electric Co., Ltd.
No.9, Lizhishan Road, Science City,
Guangzhou High-tech Zone,
Guangdong
P.R. China

Product: PV-Inverter
Grid-Connected PV Inverter

Identification: Type Designation: R6-15K-T2-32, R6-17K-T2-32, R6-20K-T2-32,
R6-22K-T2-32, R6-25K-T2-32
Serial No. : R6T2503G2112E00002
Firmware version: V1.020
Remark: Refer to test report CN22EOEK 001 for details.

Tested acc. to: UNE 206006 IN:2011
UNE 206007-1 IN:2013
RD 1699:2011
RD 661:2007
RD 413:2014

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.



Date 30.03.2022

A handwritten signature in blue ink, appearing to read "A. Chen".
A. Chen

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Guangzhou Sanjing Electric Co.,
Ltd.

Date : 30/03/2022
Our ref. : 02
Your ref.: 168346650

No.9, Lizhishan Road, Science City,
Guangzhou High-tech Zone,
Guangdong
P.R. China

Ref : AK Certificate of Conformity

Type of Equipment : Grid-Connected PV Inverter
Model Designation : See Certificate
Certificate No. : AK 50538793 0001
Report No. : CN22EOEK 001

Dear Ladies and Gentlemen,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body



A. Chen

Enclosure

证书的详细信息请登陆www.certipedia.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

C E R T I F I C A T E
of Conformity
EC Council Directive 2014/30/EU
Electromagnetic Compatibility

Registration No.: AE 50538832 0001

Report No.: CN21ESNZ 001

Holder: Guangzhou Sanjing Electric Co., Ltd.
No.9, Lizhishan Road, Science City,
Guangzhou High-tech Zone,
Guangdong
P.R. China

Product: PV-Inverter
(Grid-connected PV Inverter)

Identification: R6-15K-T2-32 R6-17K-T2-32 R6-20K-T2-32
R6-22K-T2-32 R6-25K-T2-32 R6-5K-T2-32-LV
R6-6K-T2-32-LV R6-8K-T2-32-LV R6-10K-T2-32-LV
R6-15K-T2-32-LV
Serial No.: n.a.
Remark: Refer to above-listed test report for details.

Tested acc. to: EN IEC 61000-6-2:2019
EN IEC 61000-6-4:2019

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2014/30/EU. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Date 31.03.2022



Certification Body



Tongle Lee

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Guangzhou Sanjing Electric Co.,
Ltd.

Date : 31.03.2022
Our ref. : AOFEL 02
Your ref.:

No.9, Lizhishan Road, Science City,
Guangzhou High-tech Zone,
Guangdong
P.R. China

Ref : AE Certificate of Conformity EMC

Type of Equipment : Grid-connected PV Inverter
Model Designation : See Certificate
Certificate No. : AE 50538832 0001
Report No. : CN21ESNZ 001

Dear Ladies and Gentlemen,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

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With kind regards,

Certification Body

Tongle Lee

Enclosure

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CERTIFICATE



of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN 50542094 0001

Report No.: CN22SWUP 001

Holder: Guangzhou Sanjing Electric Co., Ltd.
No.9, Lizhishan Road, Science City,
Guangzhou High-tech Zone,
Guangdong
P.R. China

Product: PV-Inverter
(Grid-connected PV Inverter)

Identification: Type Designation: R6-25K-T2-32, R6-22K-T2-32, R6-20K-T2-32,
R6-17K-T2-32, R6-15K-T2-32, R6-15K-T2-32-LV,
R6-10K-T2-32-LV, R6-8K-T2-32-LV,
R6-6K-T2-32-LV, R6-5K-T2-32-LV
Serial Number : Engineering samples
Remark : Refer to test report CN22SWUP 001
for details.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Certification Body

Date 28.04.2022

A. Chen

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with.



Guangzhou Sanjing Electric Co.,
Ltd.

Date : 28.04.2022
Our ref. : 02
Your ref.: 168346650

No.9, Lizhishan Road, Science City,
Guangzhou High-tech Zone,
Guangdong
P.R. China

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : Grid-connected PV Inverter
Model Designation : See Certificate
Certificate No. : AN 50542094 0001
Report No. : CN22SWUP 001

Dear Ladies and Gentlemen,

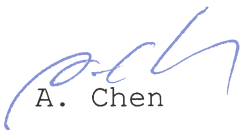
We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

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With kind regards,

Certification Body



A. Chen

Enclosure

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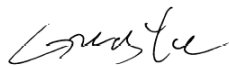
Certificado de Conformidad

Número de Certificado: CN-PV-220133

Conforme a los ensayos realizados, la muestra<s> del producto que se detalla a continuación se ajusta a los requisitos de la especificación<s>/norma<s> de referencia en el momento en que se realizaron los ensayos. Esto no implica que Intertek haya realizado ningún tipo de vigilancia o control de la(s) fabricación(es). El o los fabricantes se asegurarán de que el proceso de fabricación cumpla con los productos examinados mencionados en este certificado.

Solicitante:	Guangzhou Sanjing Electric Co., Ltd. No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China
Producto:	Inversor Fotovoltaico Conectado a la Red
Calificaciones y Características Principales:	Véase el apéndice del Certificado de Conformidad
Modelo:	R6-15K-T2-32, R6-17K-T2-32, R6-20K-T2-32, R6-22K-T2-32, R6-25K-T2-32
Nombre de la Marca<s>:	
Producto Conforme con:	NTS-631:2020 Norma técnica para el control de conformidad de los módulos de generación de energía según el Reglamento UE 2016/631
Nombre y Dirección de la Oficina Emisora del Certificado:	Intertek Testing Services Ltd.Shanghai West Area, 2 nd Floor, No.707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P.R.China Acreditado por ACCREDIA de conformidad con la norma ISO/IEC 17065:2012
Informe de la Prueba<s> N°:	220614052GZU-001

Información Complementaria en el Apéndice.



Firma

Responsable de la Certificación: Grady
Fecha: 06 de julio de 2022



PRD N° 306B

El presente Certificado está destinado al uso exclusivo del cliente de Intertek y se entrega en virtud del acuerdo entre Intertek y su Cliente. La responsabilidad y la obligación de Intertek se limita a los términos y condiciones del acuerdo. Intertek no asume ninguna responsabilidad ante ninguna parte, salvo ante el Cliente según el acuerdo, por cualquier pérdida, gasto, o daño ocasionado por el uso de este Certificado. Únicamente el Cliente está autorizado a conceder la copia o distribución de este Certificado. El uso del nombre de Intertek o de una de sus marcas para la venta o publicidad del material, producto, o servicio examinado debe ser aprobado previamente por escrito por Intertek.

APÉNDICE: Certificado de Conformidad

Este es un Apéndice del Certificado de Conformidad Número:CN-PV-220133.

Unidad / Tipo.....	R6-15K-T2-32	R6-17K-T2-32	R6-20K-T2-32	R6-22K-T2-32	R6-25K-T2-32
Versión de hardware / Número de serie (examinado)	Main Power board: V1.3; Control board: V1.0				
Versión del firmware / Versión del software (examinado)	V1.020				
Rango de Corriente Continua MPP a plena carga [V].....	460-900	460-900	480-900	500-900	520-900
Rango de entrada de Corriente Continua [V].....	180-1000				
Entrada de Corriente Continua [A]	max.32A x 2				
ISC PV [A]	38,4A x 2				
Tensión nominal de salida de CA [V]	230/400V (3~ + N + PE, 50/60Hz)				
Salida máxima de Corriente Alterna [A] :	25.0	28.4	33.4	36.7	41.7
Potencia activa nominal de salida [kW] :	15	17	20	22	25
Potencia de salida máxima aparente [kVA]	16,5	18,7	22,0	24,2	27,5

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APÉNDICE: Certificado de Conformidad

Este es un Apéndice del Certificado de Conformidad Número: CN-PV-220133.

Requisito / Requirement	NTS	Tipo / Type	Cumplimiento / Complicant	Nombre Entidad Emisora / Name of issuing Entity	Ev.(*)
Modo regulación potencia-frecuencia limitado sobrefrecuencia (MRPFL-O) / Power-frequency regulation mode limited to overfrequency (MRPFL-O)	5.1	≥A	YES (TRF No.220614052GZ U-001)	Intertek	P
Modo regulación potencia-frecuencia limitado-subfrecuencia (MRPFL-U) / Power-frequency regulation mode limited to underfrequency (MRPFL-U)	5.2	≥C	NO APPLICABLE	--	--
Modo regulación potencia-frecuencia (MRPF) / Power-frequency regulation mode (MRPF)	5.3	≥C	NO APPLICABLE	--	--
Control de potencia-frecuencia / Frequency Control	5.4	≥C	NO APPLICABLE	--	--
Capacidad de control y el rango de control de la potencia activa en remote / Active Power Requirements	5.5	≥C	NO APPLICABLE	--	--
Emulación de inercia durante variaciones de frecuencia muy rápidas / Inertia Emulations	5.6	≥C	NO APPLICABLE	--	--
Capacidad de potencia reactiva a la capacidad máxima y por debajo / Reactive power capabilities at the EUT rated power and below	5.7	≥B	NO APPLICABLE	--	--
Modos de control de la potencia reactiva / Reactive power control modes	5.8	≥B	NO APPLICABLE	--	--
Control de amortiguamiento de oscilaciones / Control of oscillation damping	5.10	≥C	NO APPLICABLE	--	--
Capacidad para soportar huecos de tensión de los MPE conectados por debajo de 110 kV / Capability to withstand voltage grid faults for POC below 110 kV	5.11	≥B	NO APPLICABLE	--	--
Capacidad para soportar huecos de tensión de los MPE conectados por encima de 110 kV / Capability to withstand voltage grid faults for POC above 110 kV	5.11	D	NO APPLICABLE	--	--
Recuperación de la potencia activa después de una falta / Active power recovery after a grid fault	5.11	≥B	NO APPLICABLE	--	--
Inyección rápida de corriente de falta en el punto de conexión en caso de faltas trifásicas / Rapid current injection control	5.11	≥B	NO APPLICABLE	--	--
Capacidad de participar en el funcionamiento en isla / Islanding requirements	5.13	≥C	NO APPLICABLE	--	--
(*) Evaluado por / Evaluated by: P: Prueba de conformidad / Test of compliance S: Simulación de conformidad / Simulation of compliance					

Declaration: It is an accurate translation of the original document.

El presente Certificado está destinado al uso exclusivo del cliente de Intertek y se entrega en virtud del acuerdo entre Intertek y su Cliente. La responsabilidad y la obligación de Intertek se limita a los términos y condiciones del acuerdo. Intertek no asume ninguna responsabilidad ante ninguna parte, salvo ante el Cliente según el acuerdo, por cualquier pérdida, gasto, o daño ocasionado por el uso de este Certificado. Únicamente el Cliente está autorizado a conceder la copia o distribución de este Certificado. El uso del nombre de Intertek o de una de sus marcas para la venta o publicidad del material, producto, o servicio examinado debe ser aprobado previamente por escrito por Intertek.

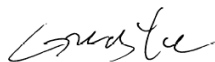
Certificate of Conformity

Certificate Number: CN-PV-230100

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:	Guangzhou Sanjing Electric Co., Ltd. No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong P.R. China
Product:	Grid-Connected PV Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	R6-25K-T3-32, R6-30K-T3-32, R6-33K-T3-32, R6-36K-T3-32, R6-40K-T4-32, R6-50K-T4-32
Brand Name<s>:	
Product Complies with:	UNE 217001:2020 Tests for systems that avoid the discharge of energy to the distribution network
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>:	220411134GZU-004

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 14 March 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-230100.

Model list		R6-50K-T4-32	R6-40K-T4-32	R6-36K-T3-32	R6-33K-T3-32	R6-30K-T3-32	R6-25K-T3-32
PV INPUT	VMAX PV[Vdc]	1100					
	ISC PV[A]	38.4/38.4/38.4/38.4		38.4/38.4			
	MPPT Voltage Range VMPP[Vdc]	180-1000					
	Max. Input Current IMAX [A]	32/32/32/32		32/32/32			
	MPPT Full Power Voltage Range [Vdc]	530-900	500-900	540-900	520-900	500-900	480-900
	Number of MPPT	2					
	String per MPPT	4		3			
	Backfeed Current [A]	0					
	Overvoltage Category[OVC]	II					
AC Side (ON-Grid)	Rated Output Voltage Ur[Vac]	3L/N/PE,230/400					
	Rated Output Frequency FNETZ [Hz]	50/60					
	Rated Output Power PE [KW]	50	40	36	33	30	25
	Max. Apparent power SEmax [KVA]	50	44	39.6	36.3	33	27.5
	Rated Output Current Ir [A]	3*72.5	3*58.0	3*52.2	3*47.8	3*43.5	3*36.3
	Max. Output Current Imax [A]	3*75.8	3*66.7	3*60.0	3*55.0	3*50.0	3*41.7
	Power Factor (cosφ)	0.8 leading ~ 0.8 lagging					
	Max. Efficiency	98.8%					
	Euro Efficiency	98.5%					
	THD [V/I](100% full power	< 3%					
	Acoustic Noise[dB]	< 50					
	Overvoltage Category[OVC]	III					

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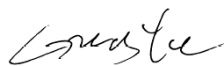
Certificate of Conformity

Certificate Number: CN-PV-220133

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:	Guangzhou Sanjing Electric Co., Ltd. No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong, P.R.China
Product:	PV Grid-connected Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	R6-15K-T2-32, R6-17K-T2-32, R6-20K-T2-32, R6-22K-T2-32, R6-25K-T2-32
Brand Name<s>:	
Product Complies with:	NTS-631:2020 Technical standard for monitoring the compliance of power generating modules according to EU Regulation 2016/631
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>:	220614052GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 06 July 2022



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number:CN-PV-220133.

Unit / Type	R6-15K-T2-32	R6-17K-T2-32	R6-20K-T2-32	R6-22K-T2-32	R6-25K-T2-32
Hardware version / Serial No. (tested) :	Main Power board: V1.3; Control board: V1.0				
Firmware version / Software version (tested)	V1.020				
Full-load MPP DC voltage range [V] :	460-900	460-900	480-900	500-900	520-900
Input DC voltage range [V]	180-1000				
Input DC current [A]	max. 32A x 2				
ISC PV [A]	38,4A x 2				
Nominal output AC voltage [V]	230/400V (3~ + N + PE, 50/60Hz)				
Max. Output AC current [A]	25.0	28.4	33.4	36.7	41.7
Nominal active output power [kW]..... :	15	17	20	22	25
Max. apparent output power [kVA] :	16,5	18,7	22,0	24,2	27,5

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220133.

Requisito / Requirement	NTS	Tipo / Type	Cumplimiento / Complicant	Nombre Entidad Emisora / Name of issuing Entity	Ev. (*)
Modo regulación potencia-frecuencia limitado sobrefrecuencia (MRPFL-O) / Power-frequency regulation mode limited to overfrequency (MRPFL-O)	5.1	≥A	YES (TRF No. 220614052GZU-001)	Intertek	P
Modo regulación potencia-frecuencia limitado-subfrecuencia (MRPFL-U) / Power-frequency regulation mode limited to underfrequency (MRPFL-U)	5.2	≥C	NO APPLICABLE	--	--
Modo regulación potencia-frecuencia (MRPF) / Power-frequency regulation mode (MRPF)	5.3	≥C	NO APPLICABLE	--	--
Control de potencia-frecuencia / Frequency Control	5.4	≥C	NO APPLICABLE	--	--
Capacidad de control y el rango de control de la potencia activa en remote / Active Power Requirements	5.5	≥C	NO APPLICABLE	--	--
Emulación de inercia durante variaciones de frecuencia muy rápidas / Intertia Emualtions	5.6	≥C	NO APPLICABLE	--	--
Capacidad de potencia reactiva a la capacidad máxima y por debajo / Reactive power capabilities at the EUT rated power and below	5.7	≥B	NO APPLICABLE	--	--
Modos de control de la potencia reactiva / Reactive power control modes	5.8	≥B	NO APPLICABLE	--	--
Control de amortiguamiento de oscilaciones / Control of oscillation damping	5.10	≥C	NO APPLICABLE	--	--
Capacidad para soportar huecos de tensión de los MPE conectados por debajo de 110 kV / Capability to withstand voltage grid faults for POC below 110 kV	5.11	≥B	NO APPLICABLE	--	--
Capacidad para soportar huecos de tensión de los MPE conectados por encima de 110 kV / Capability to withstand voltage grid faults for POC above 110 kV	5.11	D	NO APPLICABLE	--	--
Recuperación de la potencia activa después de una falta / Active power recovery after a grid fault	5.11	≥B	NO APPLICABLE	--	--
Inyección rápida de corriente de falta en el punto de conexión en caso de faltas trifásicas) simétricas / Rapid current injection control	5.11	≥B	NO APPLICABLE	--	--
Capacidad de participar en el funcionamiento en isla / Islanding requirements	5.13	≥C	NO APPLICABLE	--	--
(*) Evaluado por / Evaluated by: P: Prueba de conformidad / Test of compliance S: Simulación de conformidad / Simulation of compliance					

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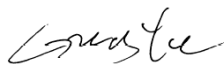
Certificate of Conformity

Certificate Number: CN-PV-230136

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:	Guangzhou Sanjing Electric Co., Ltd. No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong P.R. China
Product:	Grid-Connected PV Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	R6-15K-T2-32, R6-17K-T2-32, R6-20K-T2-32, R6-22K-T2-32, R6-25K-T2-32
Brand Name<s>:	
Product Complies with:	UNE 217001:2020 Tests for systems that avoid the discharge of energy to the distribution network
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>:	220411134GZU-003

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 30 March 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-230136

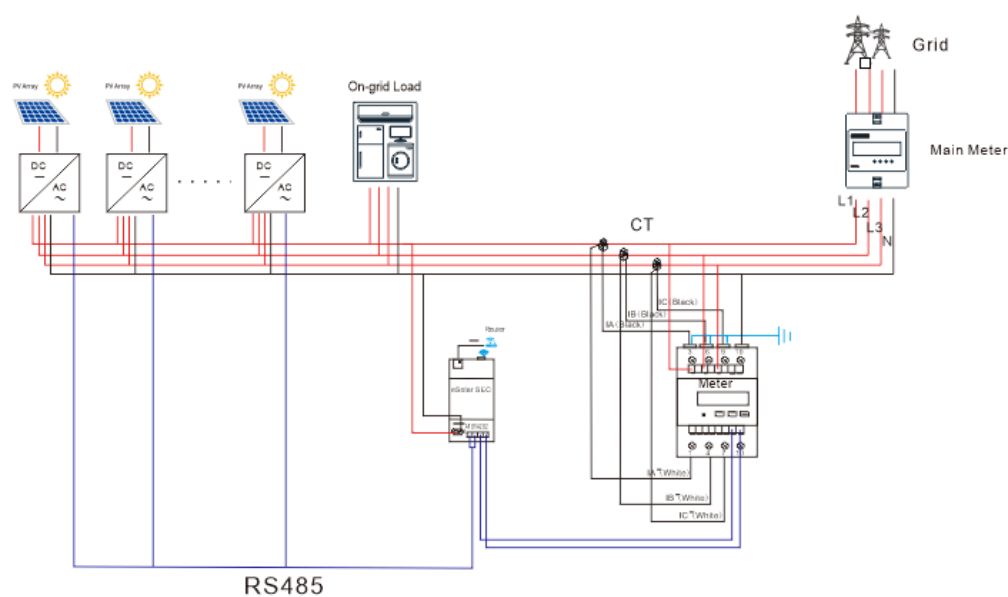
Model list		R6-25K-T2-32	R6-22K-T2-32	R6-20K-T2-32	R6-17K-T2-32	R6-15K-T2-32
PV INPUT	VMAX PV[Vdc]	1100				
	ISC PV[A]	38.4/38.4				
	MPPT Voltage Range VMPP[Vdc]	180-1000				
	Max. Input Current I _{MAX} [A]	32/32				
	MPPT Full Power Voltage Range [Vdc]	520-900	500-900	460-900	460-900	460-900
	Number of MPPT	2				
	String per MPPT	1/1				
	Backfeed Current [A]	0				
	Overvoltage Category[OVC]	II				
AC Side (ON-Grid)	Rated Output Voltage U _r [Vac]	3L/N/PE,230/400				
	Rated Output Frequency F _{NETZ} [Hz]	50/60				
	Rated Output Power P _E [KW]	25	22	20	17	15
	Max. Apparent power S _E _{max} [KVA]	27.5	24.2	22	18.7	17
	Rated Output Current I _r [A]	3*36.2	3*31.9	3*29.0	3*24.6	3*21.7
	Max. Output Current I _{max} [A]	3*41.7	3*36.7	3*33.3	3*28.3	3*25.0
	Power Factor (cosφ)	0.8 leading ~ 0.8 lagging				
	Max. Efficiency	98.8%				
	Euro Efficiency	98.5%				
	THD [V/I](100% full power	< 3%				
	Acoustic Noise[dB]	< 50				
	Overvoltage Category[OVC]	III				

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230136

Installation scheme:



Maximum number of inverters to be connected in parallel is:

Using energy meter CHINT DTSU666, maximum number of inverters connected in parallel are 9



本证书证实以下机构

广州三晶电气股份有限公司

广东省广州市高新技术产业开发区科学城荔枝山路9号

已通过中鉴认证有限责任公司的认证，
其质量管理体系符合以下国际质量管理体系标准的要求：

ISO9001:2015

特此准予注册。任何时候，与认证有关的规则和条件均须被遵守

认证范围：

太阳能发电产品（光伏逆变器/储能逆变器）及其配套件的设计开发、
生产及销售；工业控制设备变频器、智能控制系统（智能家居控制器）
的设计开发、生产及其销售

（本证书范围仅包括证书所列场所。若覆盖范围涉及行政许可前置审批、强制性认证的，仅涵盖许可资质、强制性认证证书范围内的产品及服务）

证书签发日期

2022年03月11日

有效日期

2025年03月10日

统一社会信用代码：914401017783916045

证书编号：U0022Q50048R2M

获证组织必须定期接受监督审核并经审核合格此证书方继续有效



胡家林



0158

不遵守UKAS和
UKAS认可组织
的认可标记使
用规定，将可
能导致本证书
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中国广东省广州市广州大道中227号华景大厦4楼（510600）中鉴认证有限责任公司



GUANGZHOU SANJING ELECTRIC CO., LTD.

NO.9, LIZHISHAN ROAD, SCIENCE CITY, HIGH-TECH. INDUSTRIAL DEVELOPMENT ZONE,
GUANGZHOU CITY, GUANGDONG PROVINCE

*Has been assessed by Zhongjian Certification Co., Ltd
in respect of their Quality Management
Systems and to comply with:*

ISO9001:2015

*Approval is hereby granted for registration providing the
rules and conditions relating to certification are observed at
all times*

CERTIFICATION SCOPE:

DESIGN, DEVELOPMENT, MANUFACTURE AND SALE OF SOLAR POWER GENERATION PRODUCTS
(PHOTOVOLTAIC INVERTERS/ENERGY STORAGE INVERTER) AND ACCESSORIES; DESIGN,
DEVELOPMENT, MANUFACTURE AND SALE OF FREQUENCY INVERTER FOR INDUSTRIAL CONTROL
MACHINERY EQUIPMENT, INTELLIGENT CONTROL SYSTEM (SMART HOME CONTROLLER)

(This certificate only covers the sites listed. If the covered scope involves pre-approval of administration permit or compulsory certification requirement, the scope only covers products and services within the permit license or compulsory certification scope)

Date of Issue

2022-03-11

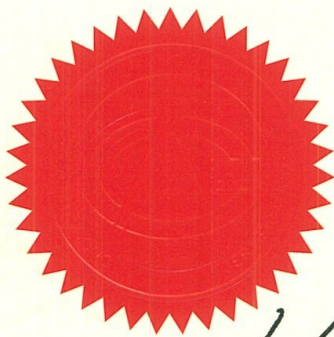
Valid Until

2025-03-10

Certificate Number: U0022Q50048R2M

Organization Code: 914401017783916045

This certificate remains valid only if the certified organization accepts and passes regular surveillance audits.



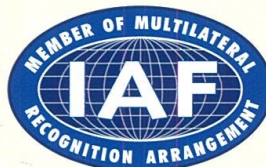
Handwritten signature of the authorized representative.

Authorised Signature for
ZhongJian Certification Co., Ltd



0158

Lack of fulfillment of
condition as set out
in Condition for the
Use of National
Accreditation Marks
by UKAS and UKAS
Accredited
Organizations may
render this
certificate invalid



This certificate remains the property of
Zhongjian Certification Co., Ltd of Quality System

The validity of this certificate could be confirmed via official Website Of CNCA (www.cnca.gov.cn)
Further to the certificate applicability, please enquire the certified organization: visit www.gzcc.org.cn or contact GZCC 020-66390902
4/F, Huajing Building, Guangzhou Dadaozhong, Guangzhou City, Guangdong Province, China (510600) Zhongjian Certification Co., Ltd.



Zhongjian Certification Co., Ltd.

CERTIFICATE OF CONFORMITY OF ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATION

No:0070023E50463R2M

This is to certify that the environmental system of

GUANGZHOU SANJING ELECTRIC CO., LTD.

NO.9, LIZHISHAN ROAD, SCIENCE CITY, HIGH-TECH. INDUSTRIAL DEVELOPMENT ZONE, GUANGZHOU CITY, GUANGDONG
PROVINCE

Organization Code: 914401017783916045

is in conformity with

GB/T 24001-2016/ISO14001:2015 Standard

This system is valid for the

THE RELATIVE MANAGEMENT ACTIVITIES OF DESIGN, DEVELOPMENT, MANUFACTURE AND SALE OF SOLAR
POWER GENERATION PRODUCTS (PHOTOVOLTAIC INVERTERS/ENERGY STORAGE INVERTER) AND ACCESSORIES;
DESIGN, DEVELOPMENT, MANUFACTURE AND SALE OF FREQUENCY INVERTER FOR INDUSTRIAL CONTROL
MACHINERY EQUIPMENT, INTELLIGENT CONTROL SYSTEM (SMART HOME CONTROLLER)

(This certificate only covers the sites listed. If the covered scope involves pre-approval of administration permit or compulsory certification requirement, the scope only covers products and services
within the permit license or compulsory certification scope)

Date of issue: 2023-03-14

Term of validity of this certificate: from 2023-03-14 to 2026-03-13 inclusive

This certificate remains valid only if the certified organization accepts and passes regular surveillance audits.



Representative of The Company



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C007-M

The validity of this certificate could be confirmed via official Website Of CNCA (www.cnca.gov.cn)
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