

# CERTIFICATE of Conformity

Registration No.: A3 50564578 0001

Report No.: CN22LSO6 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: C6-75K-T6, C6-100K-T9, C6-110K-T12,  
C6-125K-T12  
Firmware Version: V0.082  
Remark : Refer to test report CN22LSO6 001 for details.

**Tested acc. to:** NTS Version 2.1  
UNE 217001:2020

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.

Durch die DAkkS nach  
DIN EN ISO/IEC 17065:2013  
akkreditierte Zertifizierungsstelle.  
Die Akkreditierung gilt nur für den in der  
Urkundenanlage D-ZE-14169-01-02  
aufgeführten Akkreditierungsumfang.

Date 11.11.2022



  
A. Chen

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Guangzhou Sanjing Electric Co.,  
Ltd.

Date : 11/11/2022  
Our ref. : Lied 02  
Your ref.: 168367455

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

**Ref : A3 Grid Code Certificate**

Type of Equipment : Grid-Connected PV Inverter  
Model Designation : See Certificate  
Certificate No. : A3 50564578 0001  
Report No. : CN22LSO6 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

证书的详细资料请登陆[www.certipedia.com](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

Certificado no.: A3 50559263 0001

# Certificado De Conformidad

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

**Tipo de producto:** Grid-connected PV inverter  
*Type of product:*

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

**Versión de firmware:** V0.082  
*Firmware version:*

**Estándar:** NTS Version 2.1  
*Standard:* Norma técnica de supervisión de la conformidad de los módulos de generación de electricidad según el Reglamento UE 2016/631  
NTS Version 2.1-Correction 1.0  
Corrección de errores de la versión 2.1 (del 9/7/2021) de la Norma Técnica de Supervisión de la Conformidad de los Módulos de Generación de Electricidad según el Reglamento UE 2016/631  
UNE 217001:2020  
Ensayos para sistemas que eviten el vertido de energía a la red de distribución

**Reporte no.:** CN22LSO6 001  
*Report No.:*

**Fecha de emisión:** 2022-11-11  
*Date of issue:*

El certificado de conformidad hace referencia al producto mencionado anteriormente. Esto es para certificar que la muestra se encuentra en conformidad con el requisito de evaluación mencionado anteriormente. Este certificado no implica una evaluación de la producción del producto y no permite el uso de una marca de conformidad TÜV Rheinland.

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

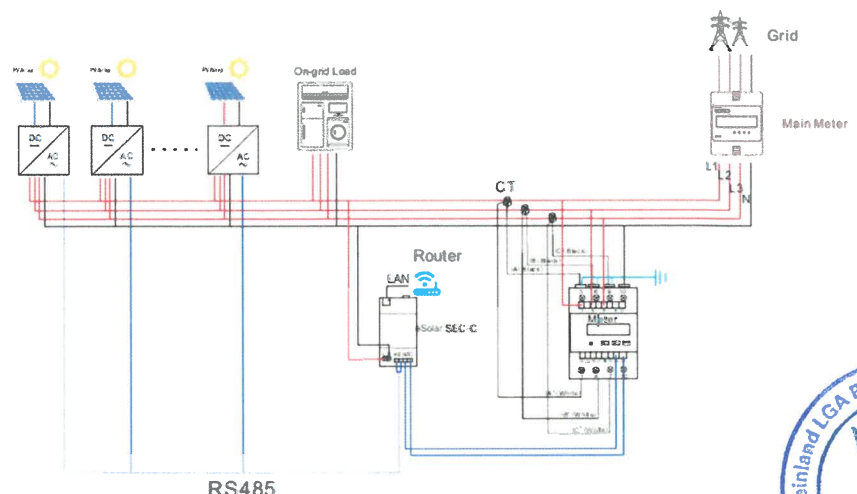


*A. Chen*

A. Chen  
Certificador

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Page 1 of 2

**Apéndice**  
*Appendix*

<b>Información del inversor</b> <i>Inverter information</i>				
<b>Modelo</b> <i>Model</i>	<b>C6-75K-T6</b>	<b>C6-100K-T9</b>	<b>C6-110K-T12</b>	<b>C6-125K-T12</b>
<b>Potencia nominal CA</b> <i>Nominal AC Power</i>	75kW	100kW	110 kW	125 kW
<b>Tensión nominal CA</b> <i>Nominal AC voltage</i>	3W+N+PE, 230/400V			
<b>Corriente máxima CA</b> <i>Maximal AC current</i>	119.1A	158.8A	174.6A	180.4A
<b>Frecuencia nominal</b> <i>Nominal frequency</i>	50			
<b>Rango de tensión MPPT</b> <i>MPPT voltage range</i>	180-1000			
<b>Tensión CC máxima</b> <i>Max. DC voltage</i>	1100			
<b>Corriente DC máxima</b> <i>Max. DC current</i>	6*30A	9*30A	12*30A	
<b>Elemento de control</b> <i>Control device</i>	Controller in Inverter			
<b>Tipo de dispositivo de control</b> <i>Type of control device</i>	Integrated			
<b>Información general del transductor de corriente externo / medidor de potencia *)</b> <i>General information of external current transductor/ power meter</i>				
<b>Fabricante</b> <i>Manufacturer</i>	Yuanxing		Zhejiang CHINT Electrics Co., Ltd.	
<b>Modelo</b> <i>Model</i>	CTB1005B-2000A/5A		DTSU666	
<b>Aplicación</b> <i>Application</i>	1 Phase		3 Phase	
<b>Tensión nominal</b> <i>Nominal voltage</i>	--		220/380V	
<b>Corriente máxima</b> <i>Max. current</i>	2000A		80	
<b>Clase de precisión</b> <i>Class of accuracy</i>	--		I	
<b>Tipo de comunicación</b> <i>Type of communication</i>	--		RS 485	
<b>Esquema básico del sistema *)</b> <i>Basic system diagram</i>				
 <p>The diagram illustrates the basic system configuration. It shows three solar panels connected to three DC/AC inverters. The inverters are connected to an on-grid lead, which then connects to a main meter. The main meter is connected to the grid. A router is connected to the system via RS485 communication. The diagram also shows a CT (Current Transformer) and a Meter connected to the system.</p>				

\*) Para cumplir los requisitos de RD 244/2019, ANEXO I y UNE 217001 IN: 2020, se instalará el dispositivo adicional. En el caso de que se requieran transformadores de corriente o tensión adicionales, misma precisión del conjunto o superior.

To fulfill the requirements of RD 244/2019, ANEXO I and UNE 217001 IN: 2020, the additional device shall be installed. If additional current or voltage transformers are required, the component accuracy is the same or higher.



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

Registration No.: AE 50554453 0001

Report No.: CN22NDQ8 001

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

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

Identification: C6-50K-T6-LV C6-60K-T9-LV C6-70K-T12-LV  
C6-75K-T6 C6-100K-T9 C6-110K-T12  
C6-125K-T12

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 05.08.2022



Certification Body



Tongle Lee

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Guangzhou Sanjing Electric Co.,  
Ltd.

Date : 05.08.2022  
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 : PV Grid-connected Inverter  
Model Designation : See Certificate  
Certificate No. : AE 50554453 0001  
Report No. : CN22NDQ8 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

Tongle Lee

Enclosure

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# CERTIFICATE

## of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN 50559796 0001

Report No.: CN22RKS0 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-tied PV Inverter)

**Identification:** Type Designation : C6-75K-T6, C6-100K-T9, C6-110K-T12,  
C6-125K-T12, C6-50K-T6-LV,  
C6-60K-T9-LV, C6-70K-T12-LV  
Serial Number : Engineering samples  
Remark : Refer to test report CN22RKS0 001  
for more 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.



A. Chen

Date 22.09.2022

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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



Guangzhou Sanjing Electric

Date : 22.09.2022

Our ref. : 02

Your ref.: 168367455

Co., Ltd.

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-tied PV Inverter

Model Designation : See Certificate

Certificate No. : AN 50559796 0001

Report No. : CN22RKS0 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

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