

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50321028

Blatt *Page*
0001

Ihr Zeichen *Client Reference*
P.P

Unser Zeichen *Our Reference*
02-zhangco- 17051377 001 17.09.2015

Ausstellungsdatum

Date of Issue
(day/mo/yr)

Genehmigungsinhaber *License Holder*

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

Fertigungsstätte *Manufacturing Plant*

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

Prüfzeichen *Test Mark*



Bauart geprüft
Sicherheit
Regelmäßige
Produktions-
überwachung

www.tuv.com
ID 2000000000

Geprüft nach *Tested acc. to*

IEC 62109-1:2010
IEC 62109-2:2011
EN 62109-1:2010
EN 62109-2:2011

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Wechselrichter (Grid-tied PV Inverter)

Type Designation	: Suntrio Plus xK	10
	(x=4 5 6)	
V _{max} PV[Vd.c.]	: 1000	
I _{sc} PV[Ad.c.]	: 13.2/13.2	
MPP Voltage Range[Vd.c.]	: 160-900	
Max. Input Current[Ad.c.]	: 11/11	
Overvoltage Category(OVC)	: II for PV	
Rated Output Voltage[Va.c.]	: 3N~400	
Rated Output Frequency[Hz]	: 50	
Rated Output Power[kW]	: 4 5 6	
Max. Output Current[Aa.c.]	: 6.4*3 8.1*3 9.7*3	
Power Factor	: [-0.9, 0.9]	
Overvoltage Category(OVC)	: III for AC Mains	

continued on page 0002

10

ANLAGE (Appendix): 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfergrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg
Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com
Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety



Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50321028

Blatt Page
0002

Ihr Zeichen *Client Reference*
P.P

Unser Zeichen *Our Reference*
02-zhangco- 17051377 001

Ausstellungsdatum
17.09.2015

Date of Issue
(day/mo/yr)

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

Fertigungsstätte *Manufacturing Plant*
Guangzhou Sanjing Electric
Co., Ltd.
No.9, Lizhishan Road, Science City,
Guangzhou High-tech Zone,
Guangdong
P.R. China

Prüfzeichen *Test Mark*



Bauart geprüft
Sicherheit
Regelmäßige
Produktions-
überwachung
www.tuv.com
ID 2000000000

Geprüft nach *Tested acc. to*

IEC 62109-1:2010
IEC 62109-2:2011
EN 62109-1:2010
EN 62109-2:2011

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Wechselrichter (Grid-tied PV Inverter)

as page 0001

2

Continuation

Type Designation : Suntrio Plus xK
(x=8 10)

Vmax PV[Vd.c.] : 1000
Isc PV[Ad.c.] : 26.4/13.2
MPP Voltage Range[Vd.c.] : 160-900
Max.Input Current[Ad.c.] : 22/11
Overvoltage Category(OVC) : II for PV

Rated Output Voltage[Va.c.] : 3N~400
Rated Output Frequency[Hz] : 50
Rated Output Power[kW] : 8 10
Max. Output Current[Aa.c.] : 12.9*3 15.9*3
Power Factor : [-0.9, 0.9]
Overvoltage Category(OVC) : III for AC Mains

continued on page 0003

2

ANLAGE (Appendix): 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg
Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com
Fax: (+49/221)8 06 - 39 35 <http://www.tuv.com/safety>



Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50321028

Blatt *Page*
0003

Ihr Zeichen *Client Reference*
P.P

Unser Zeichen *Our Reference*
02-zhangco- 17051377 001

Ausstellungsdatum

Date of Issue
(day/mo/yr)
17.09.2015

Genehmigungsinhaber *License Holder*

Guangzhou Sanjing Electric
Co., Ltd.

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

Fertigungsstätte *Manufacturing Plant*

Guangzhou Sanjing Electric
Co., Ltd.

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

Prüfzeichen *Test Mark*



Bauart geprüft
Sicherheit
Regelmäßige
Produktions-
überwachung

www.tuv.com
ID 2000000000

Geprüft nach *Tested acc. to*

IEC 62109-1:2010
IEC 62109-2:2011
EN 62109-1:2010
EN 62109-2:2011

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Wechselrichter (Grid-tied PV Inverter)

as page 0002
Continuation

Protective Class : I
Enclosure Protection(IP) : IP65
Pollution Degree(PD) : PD 3 (outside),
PD 2 (inside)
Altitude [m] : 2000
Operating Temperature Range [°C] : -25 to +60 (> 45 derating)
Type of Inverter : Non-isolated

Remark:

The installation has to be carried out according to the attached installation instruction.
Any additional requirements in countries where the product is going to be marketed have to be considered additionally.

ANLAGE (Appendix): 1.0

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg
Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com
Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety



C E R T I F I C A T E



of Conformity
Low Voltage Directive 2006/95/EC

Registration No.: AN 50321031 0001

Report No.: 17051377 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	: Suntrio Plus 4K Suntrio Plus 5K Suntrio Plus 6K Suntrio Plus 8K Suntrio Plus 10K
Serial Number	: Engineering Samples
Remark	: Issued in conjunction with TÜV Rheinland license R 50321028 pages 001-003.

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 revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, 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 III of the Directive.

Certification Body

Date 17.09.2015



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. CE

Guangzhou Sanjing Electric Co.,
Ltd.
Peak Pan

Date : 17.09.2015
Our ref. : zhangco 02
Your ref.: P.P

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

Ref : R TÜV-Mark Approval

Type of Equipment : Grid-tied PV Inverter
Model Designation : See Certificate
Certificate No. : R 50321028 0001
Report No. : 17051377 001

Dear Peak Pan,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area.

With kind regards,

Certification Body

Tristan Deng



Enclosure

证书的详细资料请登陆www.tuvdotcom.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询