

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50319217

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0001

Ihr Zeichen *Client Reference*
P.P

Unser Zeichen *Our Reference*
02-zhangco- 17051373 001 25.08.2015

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 : Sununo Plus xK
(x=1 1.5) 9
Vmax PV[Vd.c.] : 450 450
Isc PV[Ad.c.] : 13.2
MPP Voltage Range[Vd.c.] : 60-425 60-425
Max.Input Current[Ad.c.] : 11
Overvoltage Category(OVC) : II for PV

Rated Output Voltage[Va.c.] : 230
Rated Output Frequency[Hz] : 50
Rated Output Power[kW] : 1 1.5
Max. Output Current[Aa.c.] : 4.8 7.2
Power Factor : 1
Overvoltage Category(OVC) : III for AC Mains

continued on page 0002

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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



Weichun Li

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Zertifikat Nr. *Certificate No.*
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0002

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PV-Wechselrichter (Grid-tied PV Inverter)

as page 0001

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Continuation

Type Designation	: Sununo Plus xK		
	(x=2	2.5	3)
Vmax PV[Vd.c.]	: 500	500	550
Isc PV[Ad.c.]	: 13.2		
MPP Voltage Range[Vd.c.]	: 60-450	60-450	90-550
Max.Input Current[Ad.c.]	: 11		
Overvoltage Category(OVC)	: II for PV		

Rated Output Voltage[Va.c.]	: 230		
Rated Output Frequency[Hz]	: 50		
Rated Output Power[kW]	: 2	2.5	3
Max. Output Current[Aa.c.]	: 9.7	12.8	14.5
Power Factor	: 1		
Overvoltage Category(OVC)	: III for AC Mains		

continued on page 0003

ANLAGE (Appendix): 1.0

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Zertifikat Nr. *Certificate No.*
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0003

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P.P	02-zhangco-	17051373 001	25.08.2015

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No.9, Lizhishan Road, Science City,
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P.R. China

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No.9, Lizhishan Road, Science City,
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Lizenzentgelte - Einheit
License Fee - Unit

PV-Wechselrichter (Grid-tied PV Inverter)

as page 0002

3

Continuation

Type Designation : Sununo Plus xK-M
(x=3 4 5)

Vmax PV[Vd.c.] : 600
Isc PV[Ad.c.] : 13.2
MPP Voltage Range[Vd.c.] : 90-550
Max.Input Current[Ad.c.] : 11*2
Overvoltage Category(OVC) : II for PV

Rated Output Voltage[Va.c.] : 230
Rated Output Frequency[Hz] : 50
Rated Output Power[kW] : 3 4 4.6
Max. Output Current[Aa.c.] : 15 21 25
Power Factor : 1 [-0.90, 0.90]
Overvoltage Category(OVC) : III for AC Mains

continued on page 0004

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02-zhangco- 17051373

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001 25.08.2015

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Fertigungsstätte *Manufacturing Plant*

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Lizenzentgelte - Einheit
License Fee - Unit

PV-Wechselrichter (Grid-tied PV Inverter)

as page 0003
Continuation

Protective Class : I
Enclosure Protection(IP) : IP65
Pollution Degree(PD) : PD 2
Altitude[m] : 2000
Operating Temperature Range[°C] : -25 to +60
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.

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Weichun Li

Guangzhou Sanjing Electric Co.,
Ltd.
Peak Pan
-

Date : 25.08.2015
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 50319217 0001
Report No. : 17051373 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



Weichun Li

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
Low Voltage Directive 2006/95/EC

Registration No.: AN 50319219 0001

Report No.: 17051373 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 : Sununo Plus 1K Sununo Plus 1.5K
Sununo Plus 2K Sununo Plus 2.5K
Sununo Plus 3K Sununo Plus 3K-M
Sununo Plus 4K-M Sununo Plus 5K-M
Serial Number : Engineering Samples
Remark : Issued in conjunction with TÜV Rheinland
license R 50319217 pages 0001-0004.

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 25.08.2015


Weichun Li

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 : 25.08.2015
Our ref. : zhangco 02
Your ref.: P.P

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 50319219 0001
Report No. : 17051373 001

Dear Peak Pan,

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



Weichun Li

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