

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

Date : 30.03.2018
Our ref. : CAODEAN 02
Your ref.: P.J.

Ref : R TÜV-Mark Approval

Type of Equipment : Grid-tied PV Inverter
Model Designation : See Certificate
Certificate No. : R 50403656 0001
Report No. : 50118537 001

Dear Pan Junfeng,

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

TÜV RHEINLAND TAIWAN LTD.

11F., No. 758, Sec. 4, Bade Rd.,
Songshan Dist., Taipei City 105,
Taiwan R. O. C.
Tel. (02) 2172-7000
Fax (02) 2528-0018
<http://www.tuv.com>

TAICHUNG BRANCH:
No. 9, Lane 36, Sec. 3, Minsheng Rd.,
Daya Dist., Taichung City 428,
Taiwan, R. O. C.
Tel. (04) 2560-2998
Fax (04) 2566-3598

KAOHSIUNG BRANCH:
27F-3, No.80, Minzu 1st Rd.,
Sanmin Dist., Kaohsiung City 807,
Taiwan, R. O. C.
Tel. (07) 262-6000
Fax (07) 380-0577

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50403656

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
P.J.

Unser Zeichen *Our Reference*
02-CAODEAN-50118537

Ausstellungsdatum
001 27.03.2018

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 1419056575

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= 40, 50, 60)	
Vmax PV [Vd.c.]	: 1000	
Isc PV [Ad.c.]	: 48/36/36 48/36/36 48/48/48	
MPP Voltage Range [Vd.c.]	: 280-900	
Max. Input Current [Ad.c.]	: 40/30/30 40/30/30 40/40/40	
Overvoltage Category (OVC)	: OVC II	
Rated Output Voltage [Va.c.]	: 3/N/PE, 230/400	
Max. Apparent power [kVA]	: 44 55 60	
Rated Output Frequency [Hz]	: 50/60	
Max. Output Current [Aa.c.]	: 65 80 90	
Power Factor	: [0.8 leading ~0.8lagging]	
Overvoltage Category (OVC)	: OVC III	

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.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

Weichun Li

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50403656

Blatt *Sheet*
0002

Ihr Zeichen *Client Reference*
P.J.

Unser Zeichen *Our Reference*
02-CAODEAN-50118537

Ausstellungsdatum
001 27.03.2018

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,
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P. R. China

Prüfzeichen *Test Mark*



Bauart geprüft
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Geprüft nach *Tested acc. to*

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EN 62109-1:2010
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Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

PV-Wechselrichter (Grid-tied PV Inverter)

as page 0001
Continuation

Protective Class : I
Enclosure Protection [IP] : IP65
Pollution Degree [PD] : PD3 (outside), PD2 (inside)
Altitude [m] : 3000
Operating Temperature Range [°C] : -25 to 60
: (45 to 60 with 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.

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