

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50394032

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
Dipl.-Ing. Volkmär

Unser Zeichen *Our Reference*
01-DJW-50106744 001

Ausstellungsdatum *Date of Issue*
24.11.2017 (day/mo/yr)

Genehmigungsinhaber *License Holder*
SMA Solar Technology AG
Sonnenallee 1
34266 Niestetal
Germany

Fertigungsstätte *Manufacturing Plant*
SMA New Energy Technology
(Yangzhong) Co., Ltd.
No. 588 Gangxing Road,
Yangzhong, Jiangsu,
P. R. China

Prüfzeichen *Test Mark*



Bauart geprüft
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Regelmäßige
Produktions-
überwachung

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ID 1419053115

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-connected PV Inverter)

Type Designation : STP6.0-3AV-40 STP5.0-3AV-40 9

V_{max} PV [Vd.c.] : 850
I_{sc} PV [Ad.c.] : 18
MPP Voltage Range [Vd.c.] : 125-800
Max. Input Current [Ad.c.] : 12
Overvoltage Category (OVC) : II for PV

Rated Output Voltage [Va.c.] : 3N~ 220/230/240
Rated Output Frequency [Hz] : 50/60
Rated Output Power [W] : 6000 5000
Max. Output Current [Aa.c.] : 3*9.1 3*7.6
Power Factor : [-0.80, 0.80]
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.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety



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Zertifikat

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Zertifikat Nr. *Certificate No.*
R 50394032

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0002

Ihr Zeichen *Client Reference*
Dipl.-Ing. Volkmär

Unser Zeichen *Our Reference*
01-DJW-50106744 001

Ausstellungsdatum *Date of Issue*
24.11.2017 (day/mo/yr)

Genehmigungsinhaber *License Holder*
SMA Solar Technology AG
Sonnenallee 1
34266 Niestetal
Germany

Fertigungsstätte *Manufacturing Plant*
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No. 588 Gangxing Road,
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Zertifiziertes Produkt (Geräteidentifikation)
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Lizenzentgelte - Einheit
License Fee - Unit

PV-Wechselrichter (Grid-connected PV Inverter)

as page 0001 continuation

2

Type Designation : STP4.0-3AV-40 STP3.0-3AV-40

Vmax PV [Vd.c.] : 850
Isc PV [Ad.c.] : 18
MPP Voltage Range [Vd.c.] : 125-800
Max. Input Current [Ad.c.] : 12
Overvoltage Category (OVC) : II for PV

Rated Output Voltage [Va.c.] : 3N~ 220/230/240
Rated Output Frequency [Hz] : 50/60
Rated Output Power [W] : 4000 3000
Max. Output Current [Aa.c.] : 3*5.8 3*4.5
Power Factor : [-0.80, 0.80]
Overvoltage Category (OVC) : III for AC mains

continued on page 0003

2

ANLAGE (Appendix): 1.0

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Fax: +49 221 806-3935 http://www.tuv.com/safety



Weichun Li

Zertifikat

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Zertifikat Nr. *Certificate No.*
R 50394032

Blatt *Sheet*
0003

Ihr Zeichen *Client Reference*
Dipl.-Ing. Volkmar

Unser Zeichen *Our Reference*
01-DJW-50106744 001

Ausstellungsdatum *Date of Issue*
24.11.2017 (day/mo/yr)

Genehmigungsinhaber *License Holder*
SMA Solar Technology AG
Sonnenallee 1
34266 Niestetal
Germany

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Zertifiziertes Produkt (Geräteidentifikation)
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Lizenzentgelte - Einheit
License Fee - Unit

PV-Wechselrichter (Grid-connected PV Inverter)

as page 0002 continuation

Protective Class : I
Ingress Protection (IP) : IP65
Pollution Degree (PD) : PD3
Operating Temperature [°C] : -25 to 60 (> 45 derating)
Altitude [m] : 3000
Type of Inverter : Non-isolated

Remark(s) :

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

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Fax: +49 221 806-3935 http://www.tuv.com/safety



Weichun Li

SMA Solar Technology AG
Dipl.-Ing. Martin Volkmar
International Product Management
Sonnenallee 1
34266 Niestetal
Germany

Date : 24.11.2017
Our ref. : DJW 01
Your ref.: Dipl.-Ing. Volkmar

Ref : R TÜV-Mark Approval

Type of Equipment : Grid-connected PV Inverter
Model Designation : See Certificate
Certificate No. : R 50394032 0001
Report No. : 50106744 001

Dear Dipl.-Ing. Martin Volkmar,

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 2014/35/EU

Registration No.: AN 50394047 0001

Report No.: 50106744 001

Holder: SMA Solar Technology AG
Sonnenallee 1
34266 Niestetal
Germany

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

Identification: Type Designation : STP6.0-3AV-40 STP5.0-3AV-40
STP4.0-3AV-40 STP3.0-3AV-40
Serial Number : Engineering Samples
Remark(s) : Issued in conjunction with TÜV Rheinland
license R 50390432 pages 0001-0003.

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.

Date 23.11.2017



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