



Per essere al sicuro

Certificato di Produzione Europea

ALGATEC Solar AG conferma che tutti i moduli **BASIC** e **PREMIUM** „made in germany“ sono prodotti a Großräschen e Prösen, Germania.

ALGATEC Solar AG

Kotschkaer Weg 8
04932 Roederland OT Prösen
Tel. +49 (0) 3533 4818 0
Fax +49 (0) 3533 8402

Vorstand / Membro del consiglio
ALGATEC Solar AG

FACTORY INSPECTION CERTIFICATE

TÜV Rheinland:

Registration No.: AK 600 40 320 / AK 600 40 319

Report No.: 21172338.001 / 21172343.001

VDE:

VDE - LICENCE 40021879

Certificazioni:

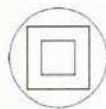
IEC 61215
IEC 61730
Classe de protezione II

Certificazioni:

MCS 005
CSA Class 5311 10
CSA Class 5311 90

Certificato da VDE a norma:

DIN EN ISO 9001
N. reg 12 100 36868



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OT Prösen

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Factory Inspection Certificate

Registration No.: AK 60040320

Page 1

Report No.: 21172338.001

License Holder:
ALGATEC Solar AG
Kotschkaer Weg 8
04932 Röderland
Germany

Product:
PV Module
Type:
ASM poly x-6
ASM poly x-6 black
ASM poly x-6 CS
ASM poly x-6 CS black

Manufacturing Plant:
ALGATEC Solar AG
Kotschkaer Weg 8
04932 Röderland
Germany

ASM mono x-6
ASM mono x-6 black
ASM mono x-6 CS
ASM mono x-6 CS black
(power classes from 195 Wp - 240 Wp)
(x = 1,3,5 stands for the cell manufacturer)

QC-200
LS 200

ASM poly x-6
ASM poly x-6 black
ASM poly x-6 CS
ASM poly x-6 CS black

(power classes from 200 Wp - 250 Wp)
(x = 2 stands for the cell manufacturer)

The above listed module types are manufactured in the European Union. The manufacturing plant is under a periodic factory surveillance programme in the frame of TÜV Rheinland type approval certification according to IEC 61215:2005 and IEC 61730:2004.

These main production steps are taking place in the above listed plant:

- Cell stringing and connection of strings
- Assembly / Lamination
- Electrical tests

Remarks:

Further information can be found in the attachment of the factory inspection certificate



Cologne, 02 August 2011

Dipl.-Ing. M. Adrian

Annex to Factory Inspection Certificate

Registration No.: AK 60040320

Report No.: 21172338.001

Licence Holder:

ALGATEC Solar AG
Kotschkaer Weg 8
04932 Röderland
Germany

Manufacturing Plant:

ALGATEC Solar AG
Kotschkaer Weg 8
04932 Röderland
Germany

Certificates:

Registration no.
PV 60032277, PV 60034352 (valid until 15 July 2015)

The above listed plant is traceable by an identification code on the type label.

Identification coding:

Explanation of Identification code:

Each module is marked with a 10 digit serial number. The third digit stands for one of the two manufacturing sites of ALGATEC Solar AG (for explanation of serial no. see below).

1	1	1	0	0	0	0	0	0	1
Year	Year	Factory	Number	Number	Number	Number	Number	Number	Number

Factory-code: 0 = Röderland; 1 = Großräschen

Sample: SN 1110000100 (produced in 2011 in Großräschen, 100th module in this year)

Cologne, 02 August 2011



Dipl.-Ing. M. Adrian

Factory Inspection Certificate

Registration No.: AK 60040319

Page 1

Report No.: 21172343.001

License Holder:
ALGATEC Solar AG
Kotschkaer Weg 8
04932 Röderland
Germany

Product:
PV Module
Type:
ASM poly x-6
ASM poly x-6 black
ASM poly x-6 CS
ASM poly x-6 CS black

Manufacturing Plant:
ALGATEC Solar AG
Betriebsstätte Großräschen
Woschkower Weg 19
01983 Großräschen
Germany

ASM mono x-6
ASM mono x-6 black
ASM mono x-6 CS
ASM mono x-6 CS black
(power classes from 195 Wp - 240 Wp)
(x = 1,3,5 stands for the cell manufacturer)

QC-200
LS 200

ASM poly x-6
ASM poly x-6 black
ASM poly x-6 CS
ASM poly x-6 CS black

(power classes from 200 Wp - 250 Wp)
(x = 2 stands for the cell manufacturer)

The above listed module types are manufactured in the European Union. The manufacturing plant is under a periodic factory surveillance programme in the frame of TÜV Rheinland type approval certification according to IEC 61215:2005 and IEC 61730:2004.

These main production steps are taking place in the above listed plant:

- Cell stringing and connection of strings
- Assembly / Lamination
- Electrical tests

Remarks:

Further information can be found in the attachment of the factory inspection certificate.



Cologne, 02 August 2011

Dipl.-Ing. M. Adrian

Annex to Factory Inspection Certificate

Registration No.: AK 60040319

Report No.: 21172343.001

Licence Holder:

ALGATEC Solar AG
Kotschkaer Weg 8
04932 Röderland
Germany

Manufacturing Plant:

ALGATEC Solar AG
Betriebsstätte Großräschen
Woschkower Weg 19
01983 Großräschen
Germany

Certificates: Registration no.
PV 60032277, PV 60034352 (valid until 15 July 2015)

The above listed plant is traceable by an identification code on the type label.

Identification coding:

Explanation of Identification code:

Each module is marked with a 10 digit serial number. The third digit stands for one of the two manufacturing sites of ALGATEC Solar AG (for explanation of serial no. see below).

1	1	1	0	0	0	0	0	0	1
Year	Year	Factory	Number	Number	Number	Number	Number	Number	Number

Factory-code: 0 = Röderland; 1 = Großräschen

Sample: SN 1110000100 (produced in 2011 in Großräschen, 100th module in this year)

Cologne, 02 August 2011



Dipl.-Ing. M. Adrian

VDE Prüf- und Zertifizierungsinstitut GmbH • Merianstraße 28 • D-63069 Offenbach

ALGATEC Solar AG

Kotschkaer Weg 8
D-04932 RÖDERLAND/OT PRÖSEN

Germany



Offenbach, 2011-07-28

Your ref.
5007176

Your letter
28.07.2011

Our ref. - please indicate
FG82/het

Contact
Mr. Herbert
Tel (+49) (69) 83 06-602
Fax (+49) (69) 83 06-850
roland.herbert@vde.com

Confirmation letter

Regarding your enquiry for a document which, since July 11th 2011, is requested in Italy by GSE (Gestore Servizi Energetici) under the name of "Factory Inspection Certificate", we can give you the following information:

In order to obtain a VDE-certificate it is mandatory to successfully pass a test in accordance with the relevant DIN VDE, EN, or IEC product standard.

The base is our PM 102-testing and certification procedure (a pdf file is available upon request).

Further more VDE requires a 100% routine test at the end of the line. The routine tests and requirements for PV-Modules are described in our PM 434 (a pdf file is available upon request).

Before a VDE-licence is issued, a successfully passed factory inspection at each factory listed in the certificate is needed (see PM 102, clause 5.4 and 5.5). To maintain the certificate an annual inspection in each listed factory is needed.

The base for the Inspections is the Document CIG 23, issued by the European Electrical Products Certification Association.

All in the VDE-licence 40021879 listed PV modules are manufactured in the on page 2 and 3 mentioned factory.



a) Product identification code:

Each module bears an individual serial number, containing:

Digit 1 to 2) Year of manufacture (11 = for year 2011

12 = for year 2012

13 = for year 2013.....)

Digit 3) Place of manufacture 0 for Production plant Prösen

Digit 4 to 10) serial number 0000001 to 9999999

Example for serial number: 1100000001

b) Place of ManufactureManufacturer adress

ALGATEC Solar AG

Kotschkaer Weg 8

D-04932 RÖDERLAND/OT PRÖSEN

Germany

The assembly process includes:

- Soldering and stringing of cell

- Laminating and framing

- Final inspection and testing for electrical safety and STC power measurement

The movement of semi-finished Modules between the factories is in general not permitted by VDE.

Please do not hesitate to contact me if you have further questions.

Best regards

VDE Prüf- und Zertifizierungsinstitut GmbH

VDE Testing and Certification Institute

Section FG82



Roland Herbert



A COMPANY OF THE **VDE ASSOCIATION FOR ELECTRICAL, ELECTRONIC & INFORMATION TECHNOLOGIES**

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HRB 43618
VAT-IDNo.: DE261922990
Tax No.: 04425092566

Make Payments to
Commerzbank AG
BLZ 500 800 00
Account-No.: 198 027 000
S.W.I.F.T.-Code:
DRES DE FF XXX
IBAN
DE 9150080000198027000

Notified Body according to the Equipment and Product Safety Act (GPSG) for technical work equipment and consumer products. Notified body according to the EMC Directive 2004/108/EG for Electromagnetic Compatibility (EMC). Accredited by DAR accreditation bodies according to DIN EN ISO/IEC 17020, 17021, 17025 and DIN EN 45011. Accredited by: IEC – International Electrotechnical Commission – IECCE/CB, IECQ and CENELEC – European committee for Electrotechnical Standardization – CCA, HAR, ENEC.

VDE Prüf- und Zertifizierungsinstitut

VDE VERBAND DER ELEKTROTECHNIK
ELEKTRONIK INFORMATIONSTECHNIK e.V.

ZERTIFIKAT CERTIFICATE

für die überwachte Fertigungsstätte
for the approved Place of Manufacture

ALGATEC Solar AG
Kotschkaer Weg 8
04932 Röderland/OT Präsen

Die Überwachung erfolgt nach dem
Harmonisierten Werksinspektions-
Verfahren - Anforderungen (CIG 021 bis 024).
Die Anforderungen wurden erfüllt:

Produkt-Kategorie:
Terrestrische Photovoltaik-Module mit
Silizium-Solarzellen

This surveillance is performed according to the
Harmonized Factory Inspection
Procedure - Requirements (CIG 021 to 024).
The requirements have been fulfilled:

Product Category:
Crystalline silicon terrestrial
photovoltaic modules

**Datum der letzten Inspektion/
Date of last inspection:**

2011-01-18

VDE Prüf- und Zertifizierungsinstitut GmbH/VDE Testing and Certification Institute
Werksinspektion und Konformitätsüberwachung/Factory Inspection and Conformity Control

gez. i. A. Thomas Bilz

Offenbach, 2011-08-01



Dieses Zertifikat ist nicht übertragbar auf andere Fertigungsstätten; es berechtigt nicht zum Führen eines
VDE-Zeichens. Die VDE Prüf- und Zertifizierungsinstitut GmbH ist durch DGA nach DIN EN ISO/IEC 17020 und
17021 akkreditiert.

*This Certificate is not transferable to other places of manufacture, it does not authorize to use any VDE
Mark. The VDE Testing and Certification Institute is accredited by DGA based upon DIN EN ISO/IEC 17020
and 17021.*

Registriernr./Registration No.: DAT-I-014/07 und/and TGA-ZM-09-92



A COMPANY OF THE **VDE ASSOCIATION FOR ELECTRICAL, ELECTRONIC & INFORMATION TECHNOLOGIES**

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