

SCHOTT Solar AG · Hattenbergstraße 10 · 55122 Mainz

Customers of
SCHOTT Solar AG

SCHOTT Solar AG

Hattenbergstraße 10
55122 Mainz
Germany

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Our ref.:

Phone: +49 (0)6131/66-14099
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Date: June 6, 2011
E-mail: solar.sales@schottsolar.com

Dear Sirs,

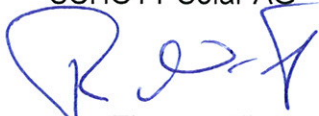
Regarding our modules SCHOTT PERFORM™ POLY 220-240 and SCHOTT PROTECT™ POLY 175-185 (previously named: SCHOTT POLY® 220-240 and SCHOTT POLY® 175-185) produced in the Czech Republic (EU) and our modules SCHOTT PROTECT™ ASI 100-107 (previously named: SCHOTT ASI® 100-107) produced in Germany (EU) with the article numbers of the attached list (see below), we hereby declare the following:

With regard to the aggregate costs of materials (i.e. among others excluding labour costs), the share of the costs of materials which are manufactured within the European Union and which become part of the modules is 60% or more.

SCHOTT Solar AG, however, cannot guarantee that the use of the aforementioned modules will entitle to a bonus under the Italian Feed-in Tariff legislation pursuant to the "Decreto 4 conto energia Art. 14. Sentence 1.d". In addition to the modules from SCHOTT Solar AG, further system components will be used in a PV plant for which we cannot give a declaration; furthermore, a precise and definitive definition of the criteria entitling to such bonus is yet to be published by GSE.

Best regards,

SCHOTT Solar AG



ppa. Thomas Nieraad
Executive Vice President
Global Sales and Marketing



i. V. Stephan Krauss
Country Manager Italy and France

Enclosure

SCHOTT Solar AG

Chairman of the Supervisory Board: Stephan Schaller

Management Board: Dr. Martin Heming (CEO), Hans-Peter Karpenstein, Dr. Robert Kuba

Headquarters: Mainz · Amtsgericht Mainz · HRB 41612 · UST-Id.-Nr.: DE811656495

Commerzbank AG, Hanau · Sort Code 506 400 15 · Account Number 230 652 000 · SWIFT: COBADEFFXXX · IBAN-Nr. DE62506400150230652000

Material	Materialkurztext
1178760	SCHOTT POLY TM 175 VMZ-IEC
1178761	SCHOTT POLY TM 170 VMZ-IEC
1178762	SCHOTT POLY TM 165 VMZ-IEC
1178763	SCHOTT POLY TM 160 VMZ-IEC
1178824	SCHOTT POLY TM 155 VMZ-IEC
1196044	SCHOTT POLY TM 195 VMZ-IEC
1196156	SCHOTT POLY TM 202 VMZ-IEC
1196158	SCHOTT POLY TM 210 VMZ-IEC
1196160	SCHOTT POLY TM 217 VMZ-IEC
1196162	SCHOTT POLY TM 225 VMZ-IEC
1196164	SCHOTT POLY TM 232 VMZ-IEC
1196166	SCHOTT POLY TM 240 VMZ-IEC
1196169	SCHOTT POLY TM 260 VMZ-IEC
1196171	SCHOTT POLY TM 270 VMZ-IEC
1196173	SCHOTT POLY TM 280 VMZ-IEC
1196175	SCHOTT POLY TM 290 VMZ-IEC
1196177	SCHOTT POLY TM 300 VMZ-IEC
1196179	SCHOTT POLY TM 310 VMZ-IEC
1196181	SCHOTT POLY TM 320 VMZ-IEC
1220931	SCHOTT POLY TM 214 VMZ-IEC
1226869	SCHOTT POLY TM 220 VMZ-IEC
1226870	SCHOTT POLY TM 230 VMZ-IEC
1263123	SCHOTT POLY TM 235 VMZ-IEC
1296408	SCHOTT POLY TM 170 DG VMZ-IEC
1296408	SCHOTT POLY TM 170 DG VMZ-IEC
1296409	SCHOTT POLY TM 175 DG VMZ-IEC
1296409	SCHOTT POLY TM 175 DG VMZ-IEC
1296410	SCHOTT POLY TM 180 DG VMZ-IEC
1296410	SCHOTT POLY TM 180 DG VMZ-IEC
1296411	SCHOTT POLY TM 185 DG VMZ-IEC
1296411	SCHOTT POLY TM 185 DG VMZ-IEC
1281453	SCHOTT ASITM DG 100
1281454	SCHOTT ASITM DG 103
1281455	SCHOTT ASITM DG 105
1302380	SCHOTT ASITM DG 90
1281410	SCHOTT ASITM DG 95
1281452	SCHOTT ASITM DG 97

VDE Prüf- und Zertifizierungsinstitut

VDE VERBAND DER ELEKTROTECHNIK
ELEKTRONIK INFORMATIONSTECHNIK e.V.

Z E R T I F I K A T C E R T I F I C A T E

für die überwachte Fertigungsstätte
for the approved Place of Manufacture

Schott Solar CR s.r.o.
Solárni 870
757 01 VALASSKÉ MEZIRICI
TSCHECHIEN

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:**

2011-05-31

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

gez. i. A. Thomas Bilz

Offenbach, 2011-07-19

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



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

Dr. Thomas Block
Product Manager
Strategy and Business Development

SCHOTT Solar AG
Hattenbergstr. 10,

D-55122 Mainz



Offenbach, 2011-07-14

Your ref.
5003684

Your letter
13.07.2011

Our ref. - please indicate
FG82/rot

Contact
Mr. Roth
Tel (+49) (69) 83 06-410
Fax (+49) (69) 83 06-850
arnd.roth@vde.com

Dear Dr. Block,

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.

Concerning module identification, the following information given by Schott Solar are verified and kept on file at VDE:

a) Product identification code:

Each crystalline module label bears an individual 12 digit serial number, containing:

- a) Manufacturer identification code (digit 1 and 2)
- b) Module Line (digit 3 and 4)
- c) Consecutive Serial Number - 00000001 to 99999999 (digit 5 to 12)

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

Managing Director
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Jäger
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Venue:
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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.



Serial number:

1	2	3	4	5	6	7	8	9	10	11	12
a	a	b	b	c	c	c	c	c	c	c	c

The date of manufacturing is traceable by the consecutive serial number (digit 5 to 12).

b) Manufacturer codes and addresses for European factories:

Manufacturer and address can be traced by the first two digits of the product identification code as shown in the table below.

Manufacturer Identification Code	Manufacturer and address	Date of Last Factory Inspection
14	Schott Solar CR s.r.o., Solárni 870, CZ-757 01 Valassé Mezirici, Czech Republic	31.05.2011

As per VDE-licence 40025243 listed factory-locations

Each Module is completely assembled (Cell stringing, assembling, lamination and electrical tests) in the above-mentioned factory.

Best regards

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
 Section FG82



Arnd Roth



Serial No 140100452567


Type: **SCHOTT PERFORMT P²OLY 235**

$P_{mpp} \geq 235W^*$

$V_{mpp} 30.2V$ $V_{oc} 37.1V$

$I_{mpp} 7.78A$ $I_{sc} 8.42A$

*Nominal value at STC conditions +/- 4% Measurement Tolerance

Max. System Voltage: 1000 V_{DC}
Protection Class II  IEC 61215
IEC 61730

SCHOTT
solar

SCHOTT Solar AG
D-55122 Mainz
Germany



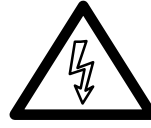
Art. No. 1391438



ACHTUNG Bei Installation, Inbetriebnahme oder Wartung die Installations- und Bedienungsanleitung befolgen! Die Steckkontakte niemals unter Laststrom stecken oder ziehen! Bei Nichtbeachtung dieser Warnung besteht **LEBENSGEFAHR!**

WARNING Refer to Installation and Operation Manual before installing, operating or servicing this unit. **DO NOT** connect or disconnect plug contacts while system is under load current. Failure to comply can result in a hazardous situation!

DANGER!



SAP numbers for Italy / A-modules

PRODUCT:

- 1) SCHOTT PERFORM POLY 2xx
- 2) SCHOTT PERFROM MONO 1xx
- 3) SCHOTT PROTECT POLY 1xx

1) SCHOTT PERFORM POLY 2xx

Old Article No.	New Article No.	Modultype	Power	Module/Cell Appearance
A-Module				
1226869	1391392	SCHOTT PERFORM™ POLY 220	220 Wp	Dark blue (1)
1196162	1391386	SCHOTT PERFORM™ POLY 225	225 Wp	Dark blue (1)
1226870	1391393	SCHOTT PERFORM™ POLY 230	230 Wp	Dark blue (1)
1263123	1391438	SCHOTT PERFORM™ POLY 235	235 Wp	Dark blue (1)
1196166	1391387	SCHOTT PERFORM™ POLY 240	240Wp	Dark blue (1)

2) SCHOTT PERFROM MONO 1xx

Article No.	Modultype	Power	Module/Cell Appearance
A-Module			
1299535	SCHOTT PERFORM™ MONO 180	180 Wp	Black
1299568	SCHOTT PERFORM™ MONO 185	185 Wp	Black
1299569	SCHOTT PERFORM™ MONO 190	190 Wp	Black
1299570	SCHOTT PERFORM™ MONO 195	195 Wp	Black

3) SCHOTT PROTECT POLY 1xx

Article No.	Modultype	Power	Module/Cell Appearance
A-Module			
1296408	SCHOTT PROTECT™ POLY 170	170 Wp	Dark blue (1)
1296409	SCHOTT PROTECT™ POLY 175	175 Wp	Dark blue (1)
1296410	SCHOTT PROTECT™ POLY 180	180 Wp	Dark blue (1)
1296411	SCHOTT PROTECT™ POLY 185	185 Wp	Dark blue (1)
1296412	SCHOTT PROTECT™ POLY 190	190 Wp	Dark blue (1)

Annex to Factory Inspection Certificate

Registration No.: AK 60040478

Report No.: 21172530.001

Licence Holder: SCHOTT Solar AG
 Hattenbergstraße 10
 55122 Mainz
 Germany

Manufacturing Plant: SCHOTT Solar Thin Film GmbH
 Otto-Schott-Straße 13
 07745 Jena
 Germany

Certificates: Registration no.
 PV 60035432, PV 60035433 (valid until 9 November 2015)

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

Explanation of Identification code:

a) Product identification code:

Each crystalline module label bears an individual 12 digit serial number, containing:

- a) Manufacturer identification code (digit 1 and 2)
- b) Module Line (digit 3 and 4)
- c) Production Year 20xx (digit 5-6)
- d) Calendar week (digit 7-8)
- e) Continuous Box of calendar week (digit 9-12)
- f) Place of plate in Box (digit 13-14)

Serial number:

1 2 3 4 5 6 7 8 9 10 11 12 13 14
 a b b c c c c c c c c c c

The date of manufacturing is traceable by the consecutive serial number (digit 5 to 14).

b) Manufacturer codes and addresses for European factories:

Manufacturer and address can be traced by the first two digits of the product identification code as shown in the table below.

Manufacturer Identification Code

Code	Manufacturer and address	Date of Last Factory Inspection
15	SCHOTT Solar Thin Film GmbH Otto-Schott-Straße 13, 07745 Jena, Germany	2011

Cologne, 09 August 2011



Dipl.-Ing. M. Adrian

Baugleichheitserklärung Declaration of identical construction

Wir / We

SCHOTT Solar AG
Hattenbergstrasse 10
D-55122 Mainz

erklären, dass nachstehendes Photovoltaik-Modul
declare, that the following photovoltaic module

Typ / Type

SCHOTT PROTECT™ ASI XXX

XXX steht für Leistungsklassen von 90 bis 110 Wp
XXX stands for power classes from 90 up to 110 Wp


identisch sind mit den zertifizierten Modulen
are identical with the certified modules

Typ / Type

SCHOTT ASI™ XXX

XXX steht für Leistungsklassen von 90 bis 110 Wp
XXX stands for power classes from 90 up to 110 Wp

SCHOTT Solar AG
Mainz, den 01.06.2011
Mainz, 01-06-2011


Dr. Robert Kuba, COO
Name, Funktion
Name, Function


Jürgen Fortenbacher, VP R&D
Name, Funktion
Name, Function

Diese Erklärung bescheinigt die Übereinstimmung mit den genannten Richtlinien, ist jedoch keine Zusicherung von Eigenschaften. Die Sicherheitshinweise der Produktdokumentation sind zu beachten.

This declaration certifies the conformity to the specified directives but contains no assurance of properties. The safety documentation of the product shall be considered in detail.

Prod-Doc-L02-0030-ALZ

SCHOTT
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Factory Inspection Certificate

Registration No.: AK 60040472

Page 1

Report No.: 21172531.001

License Holder:
SCHOTT Solar AG
Hattenbergstraße 10
55122 Mainz
Germany

Product:
PV Module
Type:

SCHOTT PERFORM™ MONO XXX
(XXX = 170 – 200 W)

SCHOTT PERFORM™ POLY XXX
(XXX = 195 – 240 W)

SCHOTT ADVANCE™ InDaX XXX
(XXX = 185 – 195 W)

SCHOTT ADVANCE™ InDaX XXX
(XXX = 214 – 240 W)

Manufacturing Plant:
SCHOTT Solar CR, s.r.o.
Solární 870
757 01 Valašské Meziříčí
Czech Republic

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, 09 August 2011



Dipl.-Ing. M. Adrian

Annex to Factory Inspection Certificate

Registration No.: AK 60040472

Report No.: 21172531.001

Licence Holder: SCHOTT Solar AG
Hattenbergstraße 10
55122 Mainz
Germany

Manufacturing Plant: SCHOTT Solar CR, s.r.o.
Solární 870
757 01 Valašské Meziříčí
Czech Republic

Certificates: Registration no.
PV 60030429, PV 60030430 (valid until 17 May 2015)
PV 60030209 Page 1 – 3, PV 60030210 Page 1 – 3
(valid until 2 February 2015)

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

Explanation of Identification code:

Explanation for serial number coding:

a) Product identification code:

Each crystalline module label bears an individual 12 digit serial number, containing:

- a) Manufacturer identification code (digit 1 and 2)
- b) Module Line (digit 3 and 4)

Line 1 has code 01
Line 2 has code 02
Line 3 has code 03
Line 4 has code 04
Line 5 has code 05
Manual line has code 09

Only modules from these module lines are completely assembled (Cell stringing, assembling, lamination and electrical tests) in the below-mentioned factory

Explanation of Identification code (cont.):

c) Consecutive Serial Number - 00000001 to 99999999 (digit 5 to 12)
Serial number:

1 2 3 4 5 6 7 8 9 10 11 12
a a b b c c c c c c c c

The date of manufacturing is traceable by the consecutive serial number (digit 5 to 12).

b) Manufacturer codes and addresses for European factories:

Manufacturer and address can be traced by the first two digits of the product identification code as shown in the table below.

Manufacturer Identification Code	Manufacturer and address	Date of Last Factory Inspection
14	Schott Solar CR s.r.o., Solární 870, CZ-757 01 Valassé Mezirici, Czech Republic	07.12.2010

Certification body



Dipl.-Ing. M. Adrian

Cologne, 09 August 2011

Baugleichheitserklärung Declaration of identical construction

Wir / We

SCHOTT Solar AG
Hattenbergstrasse 10
D-55122 Mainz

erklären, dass nachstehendes Photovoltaik-Modul
declare, that the following photovoltaic module

Typ / Type

SCHOTT PERFORM™ MONO XXX

XXX steht für Leistungsklassen von 170 bis 200 Wp
XXX stands for power classes from 170 up to 200 Wp


identisch sind mit den zertifizierten Modulen
are identical with the certified modules

Typ / Type

SCHOTT MONO™ XXX

XXX steht für Leistungsklassen von 170 bis 200 Wp
XXX stands for power classes from 170 up to 200 Wp

SCHOTT Solar AG
Mainz, den 01.06.2011
Mainz, 01-06-2011



Dr. Robert Kuba, COO
Name, Funktion
Name, Function



Jürgen Fortenbacher, VP R&D
Name, Funktion
Name, Function

Diese Erklärung bescheinigt die Übereinstimmung mit den genannten Richtlinien, ist jedoch keine Zusicherung von Eigenschaften. Die Sicherheitshinweise der Produktdokumentation sind zu beachten.

This declaration certifies the conformity to the specified directives but contains no assurance of properties. The safety documentation of the product shall be considered in detail.

Prod-Doc-LD2-0028-ALZ

SCHOTT
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Baugleichheitserklärung Declaration of identical construction

Wir / We

SCHOTT Solar AG
Hattenbergstrasse 10
D-55122 Mainz

erklären, dass nachstehendes Photovoltaik-Modul
declare, that the following photovoltaic module

Typ / Type

SCHOTT PERFORM™ POLY XXX

XXX steht für Leistungsklassen von 195 bis 240 Wp
XXX stands for power classes from 195 up to 240 Wp

identisch ist mit dem zertifizierten Modul
is identical with the certified module

Typ / Type

SCHOTT POLY™ XXX

XXX steht für Leistungsklassen von 195 bis 240 Wp
XXX stands for power classes from 195 up to 240 Wp

SCHOTT Solar AG
Mainz, den 01.06.2011
Mainz, 06-01-2011



Dr. Robert Kuba, COO

Name, Funktion
Name, Function



Jürgen Fortenbacher, VP

Name, Funktion
Name, Function

Diese Erklärung bescheinigt die Übereinstimmung mit den genannten Richtlinien, ist jedoch keine Zusicherung von Eigenschaften. Die Sicherheitshinweise der Produktdokumentation sind zu beachten.

This declaration certifies the conformity to the specified directives but contains no assurance of properties. The safety documentation of the product shall be considered in detail.

Prod-Doc-L02-0030-ALZ-V.2



Baugleichheitserklärung Declaration of identical construction

Wir / We

SCHOTT Solar AG
Hattenbergstrasse 10
D-55122 Mainz

erklären, dass nachstehende Photovoltaik-Module
declare, that the following photovoltaic modules

Typ / Type

SCHOTT ADVANCE™ InDaX XXX
SCHOTT ADVANCE™ InDaX YYY

XXX steht für Leistungsklassen von 185 bis 195 Wp
XXX stands for power classes from 185 up to 195 Wp

YYY steht für Leistungsklassen von 214 bis 240 Wp
YYY stands for power classes from 214 up to 240 Wp

identisch sind mit den zertifizierten Modulen
are identical with the certified modules


Typ / Type

SCHOTT INDAX™ XXX
SCHOTT INDAX™ YYY

XXX steht für Leistungsklassen von 185 bis 195 Wp
XXX stands for power classes from 185 up to 195 Wp

YYY steht für Leistungsklassen von 214 bis 240 Wp
YYY stands for power classes from 214 up to 240 Wp

SCHOTT Solar AG
Mainz, den 01.06.2011
Mainz, 06-01-2011


Dr. Robert Kuba, COO
Name, Funktion
Name, Function


Jürgen Fortenbacher, VP
Name, Funktion
Name, Function

Diese Erklärung bescheinigt die Übereinstimmung mit den genannten Richtlinien, ist jedoch keine Zusicherung von Eigenschaften. Die Sicherheitshinweise der Produktdokumentation sind zu beachten.

This declaration certifies the conformity to the specified directives but contains no assurance of properties. The safety documentation of the product shall be considered in detail.

Prod-Doc-L02-0029-ALZ

SCHOTT
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