



ZERTIFIKAT CERTIFICATE

für die überwachte Fertigungsstätte
for the approved Place of Manufacture

Hanwha Q.CELLS GmbH
OT Thalheim
Sonnenallee 17-21
06766 Bitterfeld-Wolfen

Fertigungsstätten Nr. / Factory No.: 30019084

Die Überwachung der Fertigungsstätte erfolgte nach dem europäischen Werksinspektions-Verfahren auf Basis der folgenden Schriftstücke: / *The surveillance of the factory was performed according to the European Factory Inspection Procedure based on the following documents:*

ECS/CIG 021 – 024
Mai/May 2009

**Werksinspektionsverfahren, Harmonisierte Anforderungen/
Factory Inspection Procedure - Harmonized Requirements**

Die Anforderungen wurden erfüllt. / The requirements have been fulfilled.

Datum der letzten Inspektion: / Date of last inspection:

2012-11-28

Produktkategorie: Siehe Anhang /
Product Category: See Appendix

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

Inspektionsstelle / Inspection Body

Thomas Bilz

Datum / Date: 2012-12-04

Merianstrasse 28, 63069 Offenbach, Deutschland / Germany
Telefon / Phone: +49 69 83 06-0, Telefax / fax: +49 69 83 06-555

Dieses Zertifikat ist nicht übertragbar auf andere Fertigungsstätten und berechtigt nicht zum Führen eines VDE-Zeichens. /
This certificate is not transferable to other places of manufacture and does not authorize to use any VDE Mark.

Die VDE Prüf- und Zertifizierungsinstitut GmbH ist durch die Deutsche Akkreditierungsstelle DAkkS akkreditiert. /
The VDE Testing and Certification Institute is accredited by the German Accreditation Body DAkkS.

VDE
INSTITUT

Name und Sitz der Fertigungsstätte / *Name and registered seat of the place of manufacture*
Hanwha Q.CELLS GmbH, OT Thalheim, Sonnenallee 17-21, 06766 Bitterfeld-Wolfen

Datum / *Date* Seite / *Page*
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Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zertifikats für die überwachte Fertigungsstätte./
This supplement is only valid in conjunction with page 1 of the certificate for the surveilled place of manufacture.

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

2012-11-28

Produkt-Kategorie:

Terrestrische kristalline
Silizium-PV-Module

Product Category:

Crystalline silicone
terrestrial PV-Modules

Kunde / *Client:* Hanwha Q.CELLS GmbH

Typ(en) / *type(s)*

Q.PEAK XXX
Q.PEAK BLK XXX
Q.PEAK S XXX
Q.PEAK S BLK XXX
Q.PEAK – GY XXX
Q.PEAK BLK – GY XXX
Q.PEAK S – GY XXX
Q.PEAK S BLK – GY XXX
Q.PRO - GY XXX

Weitere Informationen siehe Anhang Seite 2 / *further information see Appendix page 2.*

VDE Prüf- und Zertifizierungsinstitut GmbH

VDE Testing and Certification Institute

Appendix to Factory Inspection Certificate
30019084
 Date 2012-12-04 Page 2

VDE ID. No. License Holder	Name	Address
5008771	Hanwha Q.CELLS GmbH	Sonnenallee 17 -21, 06766 Bitterfeld – Wolfen, OT Thalheim

Product Crystalline silicone terrestrial PV-Modules

License No.	Standard(s)
40030222	IEC 61215 Ed.2, IEC 61730 Ed.1, IEC 61730-2 Ed.1

Type(s)		
Q.PEAK XXX	Q.PEAK BLK XXX	Q.PEAK S XXX
Q.PEAK GY XXX	Q.PEAK BLK - GY XXX	Q.PEAK S - GY XXX
Q.PEAK S BLK XXX	Q.PEAK S BLK - GY XXX	Q.PRO – GY XXX

VDE Factory ID. No.	Name	Address
30019084	Hanwha Q.CELLS GmbH	Sonnenallee 17-21 06766 Bitterfeld-Wolfen

Identification / Serial number	Process steps in factory	Yes	No
Valid until 14.03.2013: <u>700</u> xxxxxxxxxxxxxxxxxx	Cells stringing	☒	☐
<u>719</u> xxxxxxxxxxxxxxxxxx	Assembly / Lamination	☒	☐
	Electrical tests / Classification	☒	☐

valid from 15.03.2013:

700xxxxxxxxxxxxxxxxxx
799xxxxxxxxxxxxxxxxxx

The above listed Identification/Serial numbers are recognized at VDE for Hanwha Q.CELLS Modules, manufactured in the factory location(s) mentioned above.

VDE Prüf- und Zertifizierungsinstitut GmbH

VDE Testing and Certification Institute

These factories are under continuous surveillance according to the Harmonized Factory Inspection Procedure. Each Module is completely assembled in one of the factories, listed above. According to the certification procedures of the VDE Testing and Certification Institute the movement of semi-finished Modules between the factories is in general not permitted by VDE.

Therefore the above mentioned module types, produced in this factory, are in compliance with the requirements of the "TECHNICAL RULE AND GUIDELINE OF GSE 08/2012".

VDE Testing and Certification Institute
ET2
Photovoltaics, Modules & Systems



i. A. Arnd Roth
Offenbach, 2013-04-17

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

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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 91500800000198027000

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.

