

# Certificate



Registration No.: PV 60036090

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Report No.: 21161668.002

**License Holder:**  
**SolarWorld AG**  
Martin-Luther-King-Straße 24  
53113 Bonn  
Germany

**Manufacturing Plant:**  
Solar Factory GmbH  
Alfred-Lange-Straße 17  
09599 Freiberg  
Germany

**Product:**  
PV Module  
**Type:**  
Sunmodule SW xx poly/RGA  
(xx can stand for 30, 35, 40, 45)  
Sunmodule SW xx poly/RHA  
(xx can stand for 50, 55, 60, 65, 70)  
Sunmodule SW xx poly/RIA  
(xx can stand for 70, 75, 80, 85, 90)  
Sunmodule SW xx poly/RGB  
(xx can stand for 70, 75, 80, 85, 90)  
Sunmodule SW xx poly/R6A  
(xx can stand for 100, 110, 115, 120, 125, 130, 135, 140)  
Sunmodule SW xx mono/R5A  
(xx can stand for 70, 75, 80, 85, 90)  
Sunmodule SW xx poly/R5A  
(xx can stand for 70, 75, 80, 85, 90)  
Sunmodule SW xx mono/RCB  
(xx can stand for 70, 75, 80, 85, 90)  
Sunmodule SW xx poly RMA  
(xx can stand for 45, 50, 55, 60)  
Sunmodule SW xx poly RNA  
(xx can stand for 70, 75, 80, 85, 90)

## Basis:

IEC 61730-1:2004  
IEC 61730-2:2004  
EN 61730-1:2007  
EN 61730-2:2007  
"Photovoltaic (PV) module safety qualification"

**Factory Inspection**  
To document the consistent quality of the product factory inspections are performed periodically.



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic Inspection

## Remarks:

- IEC EN 61730 consists of part 1 ( Requirements for construction) and part 2 (Requirements for testing).
- The above listed PV modules fulfil the requirements of Application Class A (Safety Class II ). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1000 VDC**.
- The fire test (IEC 61730-2 / MST 23) was not performed.
- The details of the factory inspection are documented in report No as listed on Attachment List of Factories.
- Additional new module type.

## Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.

**The certificate is valid until 19 February 2014.**



Cologne, 26 September 2011

Dipl.-Ing. M. Adrian

## Attachment List of Factories

PV 60036090 0002



1. Solar Factory GmbH  
Alfred-Lange-Straße 17  
09599 Freiberg  
Germany

Inspection report No: 21207472-1

2. Solar Factory GmbH  
Ferdinand Reich Straße 1  
09599 Freiberg  
Germany

Inspection report No: 21207472-1

Certification body



Cologne, 26 September 2011

Dipl.-Ing. M. Adrian