

# Certificate

Registration No.: PV 60029104

Page 1

Report No.: 21147279.001

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

**Manufacturing Plant:**  
**Solar Factory GmbH**  
Ferdinand Reich Straße 1  
09599 Freiberg  
Germany

**Product:**  
PV Module  
**Type:**  
Sunmodule/Sunmodule Plus  
SW xxx poly  
SW xxx Compact poly  
SW xxx mono  
SW xxx Compact mono

type designations may be followed  
by "laminated" or "black"  
"xxx" stands for power values up to 250 (Wp)

**Basis:**

**IEC 61215:2005**  
**EN 61215:2005**  
"Crystalline silicon terrestrial  
photovoltaic (PV) modules - Design  
qualification and type approval"

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



- Qualified, IEC 61215
- Periodic Inspection

**Remarks:**  
The details of the factory inspection are documented in report no. 21207472-1.  
Preceding certificates: PV 60021284, PV 60024364 and PV 60026489.

**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 1 September 2014.**

Cologne, 2 March 2010



Dipl.-Ing. M. Adrian

# Certificate

Registration No.: PV 60029104

Page 2

Report No.: 21147279.001

**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/Sunmodule Plus  
SW xxx poly  
SW xxx Compact poly  
SW xxx mono  
SW xxx Compact mono

type designations may be followed  
by "laminated" or "black"  
"xxx" stands for power values up to 250 (Wp)

**Basis:**

**IEC 61215:2005**  
**EN 61215:2005**  
"Crystalline silicon terrestrial  
photovoltaic (PV) modules - Design  
qualification and type approval"

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



- Qualified, IEC 61215
- Periodic Inspection

**Remarks:**  
The details of the factory inspection are documented in report no. 21207472-1.  
Preceding certificates: PV 60021284, PV 60024364 and PV 60026489.

**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 1 September 2014.**

Cologne, 2 March 2010



Dipl.-Ing. M. Adrian

# Certificate

Registration No.: PV 60029104

Page 3

Report No.: 21147279.001

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

**Manufacturing Plant:**  
SolarWorld Industries America  
4650 Adohr Lane  
Camarillo CA 93012  
USA

**Product:**  
PV Module  
**Type:**  
Sunmodule/Sunmodule Plus  
SW xxx poly  
SW xxx Compact poly  
SW xxx mono  
SW xxx Compact mono

type designations may be followed  
by "laminated" or "black"  
"xxx" stands for power values up to 250 (Wp)

**Basis:**

**IEC 61215:2005**  
**EN 61215:2005**  
"Crystalline silicon terrestrial  
photovoltaic (PV) modules - Design  
qualification and type approval"

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



- Qualified, IEC 61215
- Periodic Inspection

**Remarks:**

The details of the factory inspection are documented in report no. 15031913.001.  
Preceding certificates: PV 60021284, PV 60024364 and PV 60026489.

**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 1 September 2014.**

Cologne, 2 March 2010



Dipl.-Ing. M. Adrian



# Certificate

Registration No.: PV 60029104

Page 4

Report No.: 21147279.001

**License Holder:**

**SolarWorld AG**

Martin-Luther-King-Straße 24  
53113 Bonn  
Germany

**Product:**

PV Module

**Type:**

Sunmodule/Sunmodule Plus  
SW xxx poly  
SW xxx Compact poly  
SW xxx mono  
SW xxx Compact mono

**Manufacturing Plant:**

SolarWorld Korea Ltd.  
855-1, Dunsan-ri, Bongdong-wup, Wanju-gun  
565-902 Jeollabuk-do  
Korea

type designations may be followed  
by "laminated" or "black"  
"xxx" stands for power values up to 250 (Wp)

**Basis:**

**IEC 61215:2005**  
**EN 61215:2005**  
"Crystalline silicon terrestrial  
photovoltaic (PV) modules - Design  
qualification and type approval"

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



- Qualified, IEC 61215
- Periodic Inspection

**Remarks:**

The details of the factory inspection are documented in report no. 13003167.001.  
Preceding certificates: PV 60021284, PV 60024364 and PV 60026489.

**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 1 September 2014.**



Cologne, 2 March 2010

Dipl.-Ing. M. Adrian

# Certificate

Registration No.: PV 60029104

Page 5

Report No.: 21147279.001

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

**Manufacturing Plant:**  
Gällivare PhotoVoltaic AB  
Företagscentrum, Box 840  
98228 Gällivare  
Sweden

**Product:**  
PV Module  
**Type:**  
Sunmodule/Sunmodule Plus  
SW xxx poly  
SW xxx Compact poly  
SW xxx mono  
SW xxx Compact mono

type designations may be followed  
by "laminare" or "black"  
"xxx" stands for power values up to 250 (Wp)

## Basis:

**IEC 61215:2005**  
**EN 61215:2005**  
"Crystalline silicon terrestrial  
photovoltaic (PV) modules - Design  
qualification and type approval"

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



- Qualified, IEC 61215
- Periodic Inspection

## Remarks:

The details of the factory inspection are documented in report no. 21211246.  
Preceding certificates: PV 60021284, PV 60024364 and PV 60026489.

## 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 1 September 2014.**

Cologne, 2 March 2010

Certification body  
  
Dipl.-Ing. M. Adrian