Certificate

TÜVRheinland®

Registration No.: PV 60099248 Page 1 **Report No.: 21162228.004**

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

Manufacturing Plant:
SolarWorld Industries Sachsen GmbH
Berthelsdorfer Straße 111a
09599 Freiberg
Germany

Product:
PV Module
Type:
Sunmodule Plus SW xxx mono y
Sunmodule Plus SW xxx poly y
Sunmodule Protect SW xxx mono y
Sunmodule Protect SW xxx poly y
"xxx" stands for power values between 200-300 (Wp)

Sunmodule SW xxx XL mono y
Sunmodule SW xxx XL poly y
"xxx" stands for power values between 260-360 (Wp)

Sunmodule Plus SW xxx Vario mono y
Sunmodule Plus SW xxx Vario poly y
"xxx" stands for power values between 184-224 (Wp)

Sunmodule SW xxx poly R6A
"xxx" stands for power values between 140-160 (Wp)

Sunmodule SW xx poly RNA
Sunmodule SW xx mono RHA
"xx" stands for power value between 80-85 (Wp)

Sunmodule SW xx poly RMA
"xx" stands for power value between 50-55 (Wp)

Sunmodule SW 50 poly RGA

Sunmodule SW 100 poly RIB

Sunmodule SW 100 poly RGP

y represents a potential suffix 'laminate' and/or 'black' or 'clear'

Basis:

☒ **2 PfG 1795/10.10**
"Power Controlled" for PV modules

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

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ID 0000039351

Remarks:
Power Controlled is valid in conjunction with valid certificates based on EN IEC 61215 / EN IEC 61730 for above mentioned module types and as long as the power determination scheme is maintained and the frequently taken samples fulfil the requirements.
This certificates includes further manufacturing plants as listed on Attachment List of Factories.
This certificate replaces certificate PV 60095554.

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 certification.
The certificate is valid until 23 November 2019.

Certification body
TÜV Rheinland LGA Products GmbH Zertifizierungsstelle TÜVRheinland®

Cologne, 16 January 2015
Dipl.-Ing. M. Adrian

Attachment List of Factories

TÜVRheinland®

PV 60099248 0001

1. SolarWorld Industries Sachsen GmbH
Berthelsdorfer Straße 111a
09599 Freiberg
Germany

2. SolarWorld Industries America Inc.
25300 NW Evergreen Road
Hillsboro, OR97124
USA

3. SolarWorld Industries Thüringen GmbH
Robert-Bosch-Straße 1
99310 Arnstadt
Germany

Certification body

TÜV Rheinland LGA Products GmbH
TÜVRheinland®
Zertifizierungsstelle

Cologne, 16 January 2015

Dipl.-Ing. M. Adrian