

# Certificate



Registration No.: PV 50294668

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Report No.: 11037411 017

**License Holder:**

IBC SOLAR AG  
Am Hochgericht 10  
96231 Bad Staffelstein  
Germany

**Product:**

PV Modules

**Type:**

IBC MonoSol xxx VL5  
(xxx=300-325, in steps of 5, 60 cells)  
IBC PolySol xxx VL5  
(xxx=270-290, in steps of 5, 60 cells)  
xxx represent output power in Wp

**Manufacturing Plant:**

ZTW2-PAW-11037411 001

**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.



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ID 0000042521

**Remarks:**

- Additional Type Designations see above.
- Valid in conjunction with TÜV Rheinland certificate based on IEC/EN 61730.
- The mechanical load test of IEC/EN 61215:2005 was performed with a load of **5400 Pa**.

**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 08. July 2019.**



**Certification body**

Dipl.-Ing. Th. Illing

06. November 2017

TÜV Rheinland LGA Products GmbH, Tillystrasse 2, 90431 Nürnberg, Germany  
Contact: + 49 221 806 1371 email: cert-validity@de.tuv.com

# Certificate



Registration No.: PV 50294667

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Report No.: 11037412 018

**License Holder:**  
IBC SOLAR AG  
Am Hochgericht 10  
96231 Bad Staffelstein  
Germany

**Product:**  
PV Modules  
**Type:**  
IBC MonoSol xxx VL5  
(xxx=300-325, in steps of 5, 60 cells)  
IBC PolySol xxx VL5  
(xxx=270-290, in steps of 5, 60 cells)  
xxx represent output power in Wp

**Manufacturing Plant:**  
ZTW2-PAW-11037412 001

## Basis:

- IEC 61730-1:2004+A1:2011+A2:2013  
IEC 61730-2:2004+A1:2011  
EN 61730-1:2007+A1:2012+A2:2013+A11:2014  
EN 61730-2:2007+A1:2012  
"Photovoltaic (PV) module safety qualification"
- Factory Inspection**  
To document the consistent quality of the product ,  
factory inspections are performed periodically.



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## Remarks:

- Additional Type Designations see above.
- Valid in conjunction with TÜV Rheinland certificate base on IEC/EN 61215.
- The above listed PV modules fulfil the requirements of Application **Class A** (Class II acc. to IEC 61140). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1000 VDC**.
- The above listed PV modules fulfil the requirements of **fire rating class C**.
- The mechanical load test of IEC/EN 61215:2005 was performed with a load of **5400 Pa**.

## 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 08. July 2019.**



Certification body

Dipl.-Ing. Th. Illing

06. November 2017

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