

# Certificate



Registration No.: PV 60102241

Page 6

Report No.: 21216246.012

**License Holder:**  
AVANCIS GmbH  
Solarstrasse 3  
04860 Torgau  
Germany

**Product:**  
**PV Module**  
Type:  
PowerMax® 4.0  
power classes:  
120W, 125W, 130W, 135W, 140W, 145W  
(approved power range: 120 Wp to 145 Wp) <sup>[1]</sup>

**Manufacturing Plant:**  
AVANCIS GmbH  
Solarstrasse 3  
04860 Torgau  
Germany

## Basis:

- IEC 61730-1:2004+A1+A2  
IEC 61730-2:2004+A1  
EN 61730-1:2007+A1+A2+A11  
EN 61730-2:2007+A1  
"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:

- Valid in conjunction with TÜV Rheinland certificate based on IEC EN 61646.
- 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**.
- Extension to new module type family.

<sup>[1]</sup> The specified power range includes the tolerance which is mentioned on the type label.

## 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 8 June 2020.**

Certification body



Cologne, 09 April 2018

Dipl.-Ing. M. Adrian