

# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

PV 50617223 0001

**Berichtsnummer Report No.:**

CN23GYU7 021

**Genehmigungsinhaber License Holder:**

SOLARWATT GmbH  
 Maria-Reiche-Str. 2a  
 01109 Dresden  
 Deutschland

**Fertigungsstätte Manufacturing Site:**

3 Fertigungsstätten auf Folgeseiten  
*Listing of 3 factories on following pages*

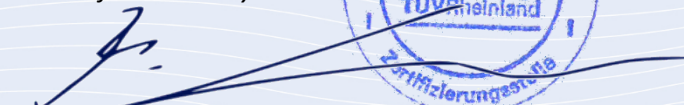
**Prüfzeichen Test Mark:**

**Geprüft nach Tested according to:**

IEC 61215-1:2021  
 IEC 61215-1-1:2021  
 IEC 61215-2:2021  
 IEC 61730-1:2016  
 IEC 61730-2:2016  
 EN IEC 61215-1:2021  
 EN IEC 61215-1-1:2021  
 EN IEC 61215-2:2021  
 EN IEC 61730-1:2018  
 EN IEC 61730-2:2018

**Geräteidentifikation**
*Product Identification*
**Produkt:** PV Module

*Product:*
**Modell:** Modelle sind auf nächste(r) Seite(n) gelistet  
*Type:* *Type designation(s) are listed on the next page(s)*
**Technische Daten:** Class II acc. to IEC 61140  
*Technical Data:* For other ratings, refer to the test report.

**Gültig bis:** 2028-04-18  
*Date of expiry:*
**Gültig ab:** 2024-01-31  
*Valid from:*
**Ausstellungsdatum:** 2024-01-31  
*Date of issue:*
**Zertifizierungsstelle:**  
*Certification body:*
  
 Dipl.-Ing. (FH) Matthias Grzam


Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
 Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
*This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)  
 Fax: +49 221 806-3935

[www.tuv.com](http://www.tuv.com)

**TÜVRheinland®**  
 Precisely Right.

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**Produkt** *Product:* PV Module

**Modell** *Type:*

**Bezeichnung** *Designation:*

Max. system voltage: up to 1500 VDC (Voc at STC):

With 1/2 cut mono bifacial c-Si cells (Under STC):

SOLARWATT Panel vision AM 4.5 (xxx Wp) black

(xxx=405-440, in steps of 5, 108 cells)

SOLARWATT Panel vision AM 4.5 (xxx Wp) style

(xxx=405-440, in steps of 5, 108 cells)

SOLARWATT Panel vision AM 4.5 (xxx Wp) pure

(xxx=405-440, in steps of 5, 108 cells)

SOLARWATT Panel vision AM 4.5 (xxx Wp) black, low carbon

(xxx=405-440, in steps of 5, 108 cells)

SOLARWATT Panel vision AM 4.5 (xxx Wp) style, low carbon

(xxx=405-440, in steps of 5, 108 cells)

SOLARWATT Panel vision AM 4.5 (xxx Wp) pure, low carbon

(xxx=405-440, in steps of 5, 108 cells)

SOLARWATT Panel vision AM 5.0 (xxx Wp) black

(xxx=425-445, in steps of 5, 108 cells)

SOLARWATT Panel vision AM 5.0 (xxx Wp) style

(xxx=425-445, in steps of 5, 108 cells)

SOLARWATT Panel vision AM 5.0 (xxx Wp) pure

(xxx=425-445, in steps of 5, 108 cells)

SOLARWATT Panel vision AM 5.0 (xxx Wp) black, low carbon

(xxx=425-445, in steps of 5, 108 cells)

SOLARWATT Panel vision AM 5.0 (xxx Wp) style, low carbon

(xxx=425-445, in steps of 5, 108 cells)

SOLARWATT Panel vision AM 5.0 (xxx Wp) pure, low carbon

(xxx=425-445, in steps of 5, 108 cells)

With 1/2 cut mono bifacial c-Si cells (Under BNPI):

SOLARWATT Panel vision AM 4.5 (xxx Wp) black

(xxx=446,451,457,462,468,473,479,484, 108 cells)

SOLARWATT Panel vision AM 4.5 (xxx Wp) style

(xxx=446,451,457,462,468,473,479,484, 108 cells)

SOLARWATT Panel vision AM 4.5 (xxx Wp) pure

(xxx=446,451,457,462,468,473,479,484, 108 cells)

SOLARWATT Panel vision AM 4.5 (xxx Wp) black, low carbon

(xxx=446,451,457,462,468,473,479,484, 108 cells)

SOLARWATT Panel vision AM 4.5 (xxx Wp) style, low carbon

(xxx=446,451,457,462,468,473,479,484, 108 cells)

SOLARWATT Panel vision AM 4.5 (xxx Wp) pure, low carbon

(xxx=446,451,457,462,468,473,479,484, 108 cells)

SOLARWATT Panel vision AM 5.0 (xxx Wp) black

(xxx=468,473,479,484,490, 108 cells)

SOLARWATT Panel vision AM 5.0 (xxx Wp) style

(xxx=468,473,479,484,490, 108 cells)

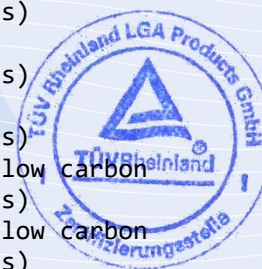
SOLARWATT Panel vision AM 5.0 (xxx Wp) pure

(xxx=468,473,479,484,490, 108 cells)

SOLARWATT Panel vision AM 5.0 (xxx Wp) black, low carbon

(xxx=468,473,479,484,490, 108 cells)

SOLARWATT Panel vision AM 5.0 (xxx Wp) style, low carbon





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**Produkt** *Product:* PV Module

**Modell** *Type:*

**Bezeichnung** *Designation:*

(xxx=468,473,479,484,490, 108 cells)  
SOLARWATT Panel vision AM 5.0 (xxx Wp) pure, low carbon  
(xxx=468,473,479,484,490, 108 cells)  
xxx represents output power in Wp

**Remarks:**

Fire Rating: Class A (according to UL 790)  
Design Load / Safety Factors: 5400 Pa / 1.5 (downward)  
2400 Pa / 1.5 (upward)

**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.



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**Produkt** *Product:*  
PV Module

**Fertigungsstätten** *Factories:*

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- 1 040-0002509811
  
- 2 040-0002546491
  
- 3 040-0002142067



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