

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
PV 50632380 0001

Berichtsnummer *Report No.:*
CN23T81E 009

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:*



IEC 61701
Salt Mist
Resistance
Regular Production
Surveillance

www.tuv.com
ID 1111285883

Geprüft nach *Tested according to:*
IEC 61701:2020
EN IEC 61701:2020

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: 2024-06-21
Valid from:

Ausstellungsdatum: 2024-06-21
Date of issue:

Zertifizierungsstelle:
Certification body:


Dipl.-Ing. (FH) Tim Kirschner



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
Fax: +49 221 806-3935

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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)
 SOLARWATT Panel vision M 5.0 (xxx Wp) black
 (xxx=425-450, in steps of 5, 108 cells)
 SOLARWATT Panel vision M 5.0 (xxx Wp) style
 (xxx=425-450, in steps of 5, 108 cells)
 SOLARWATT Panel vision M 5.0 (xxx Wp) pure
 (xxx=425-450, in steps of 5, 108 cells)
 SOLARWATT Panel vision L 5.0 (xxx Wp) pure
 (xxx=475-500, in steps of 5, 120 cells)
 SOLARWATT Panel vision L 5.0 (xxx Wp) style
 (xxx=475-500, in steps of 5, 120 cells)
 SOLARWATT Panel vision XL 5.0 (xxx Wp) pure
 (xxx=595-615, in steps of 5, 132 cells)
 SOLARWATT Panel vision XL 5.0 (xxx Wp) style
 (xxx=595-615, in steps of 5, 132 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,



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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 (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)
 SOLARWATT Panel vision M 5.0 (xxx Wp) black
 (xxx=468,473,479,484,490,495, 108 cells)
 SOLARWATT Panel vision M 5.0 (xxx Wp) style
 (xxx=468,473,479,484,490,495, 108 cells)
 SOLARWATT Panel vision M 5.0 (xxx Wp) pure
 (xxx=468,473,479,484,490,495, 108 cells)
 SOLARWATT Panel vision L 5.0 (xxx Wp) pure
 (xxx=523,528,534,539,545,550, 120 cells)
 SOLARWATT Panel vision L 5.0 (xxx Wp) style
 (xxx=523,528,534,539,545,550, 120 cells)
 SOLARWATT Panel vision XL 5.0 (xxx Wp) pure
 (xxx=655,660,666,671,677, 132 cells)
 SOLARWATT Panel vision XL 5.0 (xxx Wp) style
 (xxx=655,660,666,671,677, 132 cells)
 xxx represents output power in Wp

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50583953 0001-0028 and only for the material combination as listed in the above mentioned test report.
- Test performed with Test Method 6.

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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Fertigungsstätten *Factories:*

1 040-0002509811

2 040-0002546491

3 040-0002142067

