

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

PV 50654080 0001

Berichtsnummer Report No.:

CN23ASBT 005

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 61730-1:2023
 IEC 61730-2:2023
 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: 2029-09-28
Date of expiry:
Gültig ab: 2024-11-27
Valid from:
Ausstellungsdatum: 2024-11-27
Date of issue:
Zertifizierungsstelle:
Certification body:

Angela Yao



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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Berichtsnummer *Report No.:*

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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:

SOLARWATT Panel vision AM 4.5 (xxx Wp) black

(xxx=405-450, in steps of 5, 108 cells, Pmax@BNPI=448-497)

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

(xxx=405-450, in steps of 5, 108 cells, Pmax@BNPI=448-497)

SOLARWATT Panel vision AM 4.5 (xxx Wp) style

(xxx=405-450, in steps of 5, 108 cells, Pmax@BNPI=448-497)

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

(xxx=405-450, in steps of 5, 108 cells, Pmax@BNPI=448-497)

SOLARWATT Panel vision AM 4.5 (xxx Wp) pure

(xxx=405-450, in steps of 5, 108 cells, Pmax@BNPI=448-497)

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

(xxx=405-450, in steps of 5, 108 cells, Pmax@BNPI=448-497)

SOLARWATT Panel vision M 5.0 (xxx Wp) black

(xxx=425-460, in steps of 5, 108 cells, Pmax@BNPI=470-508)

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

(xxx=425-460, in steps of 5, 108 cells, Pmax@BNPI=470-508)

SOLARWATT Panel vision M 5.0 (xxx Wp) style

(xxx=425-460, in steps of 5, 108 cells, Pmax@BNPI=470-508)

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

(xxx=425-460, in steps of 5, 108 cells, Pmax@BNPI=470-508)

SOLARWATT Panel vision M 5.0 (xxx Wp) pure

(xxx=425-460, in steps of 5, 108 cells, Pmax@BNPI=470-508)

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

(xxx=425-460, in steps of 5, 108 cells, Pmax@BNPI=470-508)

SOLARWATT Panel vision M 5.0 (xxx Wp) construct

(xxx=425-460, in steps of 5, 108 cells, Pmax@BNPI=470-508)

SOLARWATT Panel vision M 5.0 (xxx Wp) construct, low carbon

(xxx=425-460, in steps of 5, 108 cells, Pmax@BNPI=470-508)

SOLARWATT Panel vision M 5.0 (xxx Wp) construct, black

(xxx=425-460, in steps of 5, 108 cells, Pmax@BNPI=470-508)

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

(xxx=425-460, in steps of 5, 108 cells, Pmax@BNPI=470-508)

SOLARWATT Panel vision L 5.0 (xxx Wp) pure

(xxx=475-515, in steps of 5, 120 cells, Pmax@BNPI=525-568)

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

(xxx=475-515, in steps of 5, 120 cells, Pmax@BNPI=525-568)

SOLARWATT Panel vision L 5.0 (xxx Wp) style

(xxx=475-515, in steps of 5, 120 cells, Pmax@BNPI=525-568)

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

(xxx=475-515, in steps of 5, 120 cells, Pmax@BNPI=525-568)

SOLARWATT Panel vision L 5.0 (xxx Wp) black

(xxx=475-515, in steps of 5, 120 cells, Pmax@BNPI=525-568)

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

(xxx=475-515, in steps of 5, 120 cells, Pmax@BNPI=525-568)

SOLARWATT Panel vision XL 5.0 (xxx Wp) pure

(xxx=595-625, in steps of 5, 132 cells, Pmax@BNPI=658-691)

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Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

SOLARWATT Panel vision XL 5.0 (xxx Wp) pure, low carbon
(xxx=595-625, in steps of 5, 132 cells, Pmax@BNPI=658-691)
SOLARWATT Panel vision XL 5.0 (xxx Wp) style
(xxx=595-625, in steps of 5, 132 cells, Pmax@BNPI=658-691)
SOLARWATT Panel vision XL 5.0 (xxx Wp) style, low carbon
(xxx=595-625, in steps of 5, 132 cells, Pmax@BNPI=658-691)
xxx represents output power at STC in Wp

Remarks:

Fire Rating: Class A (according to UL 790)

Safety Factors: 1.5

Design Load (Refer to test report for details of
corresponding materials and installation methods):

3600 Pa (downward) / 1600 Pa (upward)

5400 Pa (downward) / 2400 Pa (upward)

5400 Pa (downward) / 3600 Pa (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:*

1 040-0002142067

2 040-0002509811

3 040-0002546491

