

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

PV 50714902 0001

Berichtsnummer Report No.:

CN25TMEE 001

Genehmigungsinhaber License Holder:

GRUNSOLAR TECHNOLOGY

CO.,LTD.

Floor13, Building15, No.868 Qinghe Road,

Lindian Street,

Hefei,

230001 Anhui

P.R. China

Fertigungsstätte Manufacturing Site:

GRUNSOLAR TECHNOLOGY

CO.,LTD.

Floor13, Building15, No.868 Qinghe Road,Lindian Street,

Hefei,

230001 Anhui

P.R. China

Prüfzeichen Test Mark:


IEC 61215
IEC 61730
Regular Production
Surveillance

www.tuv.com
ID 1111313358

Geprüft nach Tested according to:

IEC 61215-1:2021

IEC 61215-1-2:2021

IEC 61215-2:2021

IEC 61730-1:2023

IEC 61730-2:2023

EN IEC 61215-1:2021

EN IEC 61215-1-2:2021

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:

2031-02-27

Date of expiry:
Gültig ab:

2026-02-28

Valid from:
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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Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

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

With cadmium telluride solar cells:

ASP-S5-xxx (xxx=375-505, in steps of 5, 220 cells)

ASP-S5-T10-xxx

(xxx=337,342,346,351,355,360,364,369,373,378,382,387,391,396,
400,405,409,414,418,423,427,432,436,441,445,450,454, 220 cells)

ASP-S5-T20-xxx (xxx=300-404, in steps of 4, 220 cells)

ASP-S5-T30-xxx

(xxx=262,266,269,273,276,280,283,287,290,294,297,301,304,308,
311,315,318,322,325,329,332,336,339,343,346,350,353, 220 cells)

ASP-S5-T40-xxx (xxx=225-303, in steps of 3, 220 cells)

ASP-S5-T50-xxx

(xxx=187,190,192,195,197,200,202,205,207,210,212,215,217,220,
222,225,227,230,232,235,237,240,242,245,247,250,252, 220 cells)

ASP-S5-T60-xxx (xxx=150-202, in steps of 2, 220 cells)

ASP-S5-T70-xxx

(xxx=112,114,115,117,118,120,121,123,124,126,127,129,130,132,
133,135,136,138,139,141,142,144,145,147,148,150,151, 220 cells)

ASP-S5-T80-xxx (xxx=075-101, in steps of 1, 220 cells)

ASP-SCC5-A2-xxx

(xxx=185,188,190,193,195,198,200,203,205,208,210,213,215,218,
220,222,225,227,230,232,235,237,240,242,245,247,250, 220 cells)

ASP-SCC5-A2-T10-xxx

(xxx=167,169,171,173,176,178,180,182,184,187,189,191,193,196,
198,200,202,205,207,209,211,214,216,218,220,222,225, 220 cells)

ASP-SCC5-A2-T20-xxx (xxx=148-200, in steps of 2, 220 cells)

ASP-SCC5-A2-T30-xxx

(xxx=130,131,133,135,137,138,140,142,143,145,147,149,150,152,
154,156,157,159,161,163,164,166,168,169,171,173,175, 220 cells)

ASP-SCC5-A2-T40-xxx

(xxx=111,112,114,115,117,118,120,121,123,124,126,127,129,130,
132,133,135,136,138,139,141,142,144,145,147,148,150, 220 cells)

ASP-SCC5-A2-T50-xxx

(xxx=092,094,095,096,097,099,100,101,102,104,105,106,107,109,
110,111,112,113,115,116,117,118,120,121,122,123,125, 220 cells)

ASP-SCC5-A2-T60-xxx (xxx=074-100, in steps of 1, 220 cells)

ASP-SCC5-A2-T70-xxx (xxx=055-075, in steps of 1, 220 cells)

ASP-SCC5-A2-T80-xxx (xxx=037-050, in steps of 1, 220 cells)

ASP-SCC5-A3-xxx

(xxx=121,123,124,126,128,129,131,132,134,136,137,139,141,142,
144,145,147,149,150,152,154,155,157,158,160,162,163, 220 cells)

ASP-SCC5-A3-T10-xxx

(xxx=109,110,112,113,115,116,118,119,121,122,124,125,126,128,
129,131,132,134,135,137,138,140,141,143,144,145,147, 220 cells)

ASP-SCC5-A3-T20-xxx

(xxx=097,098,099,101,102,103,105,106,107,109,110,111,112,114,
115,116,118,119,120,121,123,124,125,127,128,129,131, 220 cells)

ASP-SCC5-A3-T30-xxx

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Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

(xxx=085,086,087,088,089,090,091,093,094,095,096,097,098,099,
101,102,103,104,105,106,107,109,110,111,112,113,114, 220 cells)
ASP-SCC5-A3-T40-xxx (xxx=073-098, in steps of 1, 220 cells)
ASP-SCC5-A3-T50-xxx (xxx=060-081, in steps of 1, 220 cells)
ASP-SCC5-A3-T60-xxx (xxx=048-065, in steps of 1, 220 cells)
ASP-SCC5-A3-T70-xxx (xxx=036-049, in steps of 1, 220 cells)
ASP-SCC5-A3-T80-xxx (xxx=024-032, in steps of 1, 220 cells)
ASP-SCC5-A4-xxx
(xxx=091,092,093,094,096,097,098,099,100,102,103,104,105,107,
108,109,110,111,113,114,115,116,117,119,120,121,122, 220 cells)
ASP-SCC5-A5-xxx (xxx=072-097, in steps of 1, 220 cells)
ASP-SCC5-A6-xxx (xxx=059-079, in steps of 1, 220 cells)
ASP-SCC5-C1-xxx
(xxx=259,263,266,270,273,277,280,284,287,291,294,297,301,304,
308,311,315,318,322,325,329,332,336,339,343,346,349, 220 cells)
ASP-SCC5-C1-T10-xxx
(xxx=233,236,240,243,246,249,252,255,258,261,265,268,271,274,
277,280,283,286,290,293,296,299,302,305,308,311,314, 220 cells)
ASP-SCC5-C1-T20-xxx
(xxx=207,210,213,216,218,221,224,227,229,232,235,238,241,243,
246,249,252,255,257,260,263,266,268,271,274,277,279, 220 cells)
ASP-SCC5-C1-T30-xxx
(xxx=181,184,186,189,191,194,196,198,201,203,206,208,211,213,
215,218,220,223,225,227,230,232,235,237,240,242,244, 220 cells)
ASP-SCC5-C1-T40-xxx
(xxx=155,158,160,162,164,166,168,170,172,174,176,178,180,182,
185,187,189,191,193,195,197,199,201,203,205,207,209, 220 cells)
ASP-SCC5-C1-T50-xxx
(xxx=129,131,133,135,136,138,140,142,143,145,147,149,150,152,
154,155,157,159,161,162,164,166,168,169,171,173,174, 220 cells)
ASP-SCC5-C1-T60-xxx
(xxx=103,105,106,108,109,110,112,113,115,116,117,119,120,121,
123,124,126,127,128,130,131,133,134,135,137,138,140, 220 cells)
ASP-SCC5-C1-T70-xxx
(xxx=078,079,080,081,082,083,084,085,086,087,088,089,090,091,
092,093,094,095,096,097,098,099,100,101,102,103,105, 220 cells)
ASP-SCC5-C1-T80-xxx (xxx=052-070, in steps of 1, 220 cells)
ASP-SCC5-C2-xxx
(xxx=111,113,114,116,117,119,120,122,123,125,126,128,129,131,
132,134,135,137,138,140,141,143,144,146,147,149,150, 220 cells)
ASP-SCC5-C3-xxx
(xxx=094,095,096,097,099,100,101,102,104,105,106,107,109,110,
111,112,114,115,116,117,119,120,121,122,124,125,126, 217 cells)
ASP-SCC5-C3-T10-xxx
(xxx=084,085,086,087,089,090,091,092,093,094,095,097,098,099,
100,101,102,103,104,106,107,108,109,110,111,112,113, 217 cells)
ASP-SCC5-C3-T20-xxx (xxx=075-101, in steps of 1, 217 cells)
ASP-SCC5-C3-T30-xxx (xxx=065-088, in steps of 1, 217 cells)
ASP-SCC5-C3-T40-xxx (xxx=056-075, in steps of 1, 217 cells)

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Produkt *Product:* PV Module**Modell** *Type:***Bezeichnung** *Designation:*

ASP-SCC5-C3-T50-xxx (xxx=047-063, in steps of 1, 217 cells)

ASP-SCC5-C3-T60-xxx (xxx=037-050, in steps of 1, 217 cells)

ASP-SCC5-C3-T70-xxx (xxx=028-038, in steps of 1, 217 cells)

ASP-SCC5-C3-T80-xxx (xxx=018-025, in steps of 1, 217 cells)

xxx represents output power in Wp

Remarks:

Fire Rating: Class C (according to UL 790)

Design Load / Safety Factors: 1600 Pa / 1.5 (downward)

1600 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.

