

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 60146577

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
1753305

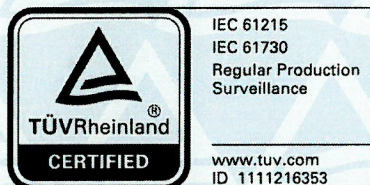
Unser Zeichen *Our Reference*
0001--21275922 023

Ausstellungsdatum *Date of Issue*
07.02.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*
SunPower Corporation
51 Rio Robles
San Jose CA 95134
USA

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016

Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

Type:

with mono cells (125 mm x 125 mm):
SPR-MAX2-xxx, SPR-MAX2-xxx-BLK, SPR-MAX2-xxx-COM
SPR-MAX3-xxx, SPR-MAX3-xxx-BLK, SPR-MAX3-xxx-COM
(xxx = 340 - 400 in steps of 5, 104 cells)
SPR-Exxx, SPR-Exxx-BLK, SPR-Xxxx, SPR-Xxxx-BLK
(xxx = 340 - 400 in steps of 5, 104 cells)
SPR-Eyy-xxx, SPR-Eyy-xxx-BLK, SPR-Eyy-xxx-COM
SPR-Xyy-xxx, SPR-Xyy-xxx-BLK, SPR-Xyy-xxx-COM
(xxx = 327 - 370 in steps of 1, 96 cells)
(yy = 20, 21 or 22)

xxx represent output power in Wp

Remarks:

Class II acc. to IEC 61140
Max. System Voltage: 1000 VDC (Voc at STC)
Max. Positive Design Load (downward) 3600 Pa
Max. Negative Design Load (upward) 1600 Pa
Tested with safety factor 1.5
The above listed PV modules fulfil the requirements of
Fire Class C per UL1703 (per UL790 modified)

continued on page 2

*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

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 <http://www.tuv.com/safety>



Dipl.-Ing. A. Cox

Zertifikat

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Zertifikat Nr. *Certificate No.*
PV 60146577

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0002

Ihr Zeichen *Client Reference*
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51 Rio Robles
San Jose CA 95134
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Prüfzeichen *Test Mark*



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IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016

Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

Type:

with poly cut cells (156.75 mm x 25 mm):
SPR-P17-xxx-COM
(xxx = 350 - 355 in steps of 5, 83x6 cells)
with mono cut cells (158.75 mm x 25 mm):
SPR-P3-xxx-COM
(xxx = 400 - 415 in steps of 5, 80x6 cells)
SPR-P3-xxx, SPR-P3-xxx-BLK
(xxx = 310 - 335 in steps of 5, 66x6 cells)
with mono cut cells (156.75 mm x 25 mm):
SPR-P19-xxx-COM
(xxx = 380 - 415 in steps of 5, 81x6 cells)
xxx represent output power in Wp

Remarks:

Class II acc. to IEC 61140
Max. System Voltage: 1000 VDC (Voc at STC)
Max. Positive Design Load (downward) 3600 Pa
Max. Negative Design Load (upward) 1600 Pa
Tested with safety factor 1.5
The above listed PV modules fulfil the requirements of
Fire Class C per UL1703 (per UL790 modified)
continued on page 3

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0003

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07.02.2020
(day/mo/yr)

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San Jose CA 95134
USA

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
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Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

IEC 61215
IEC 61730
Regular Production
Surveillance
www.tuv.com
ID 1111216353

IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016

Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

Type:

with mono cells (125 mm x 125 mm):
SPR-Eyy-xxx, SPR-Eyy-xxx-BLK, SPR-Eyy-xxx-COM
SPR-Xyy-xxx, SPR-Xyy-xxx-BLK, SPR-Xyy-xxx-COM
(xxx = 435 - 485 in steps of 1, 128 cells)
(yy = 20, 21 or 22)

with mono cut cells (158.75 mm x 25 mm):
SPR-P3-xxx-COM-1500
(xxx = 400 - 415 in steps of 5, 80x6 cells)

xxx represent output power in Wp

Remarks:

Class II acc. to IEC 61140
Max. System Voltage: 1500 VDC (Voc at STC)
Max. Positive Design Load (downward) 3600 Pa
Max. Negative Design Load (upward) 1600 Pa
Tested with safety factor 1.5
The above listed PV modules fulfil the requirements of
Fire Class C per UL1703 (per UL790 modified)

continued on page 4

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.

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IEC 61730
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IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016

Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

PV Module

Type:

with mono cut cells (156.75 mm x 25 mm)
SPR-P19-xxx, SPR-P19-xxx-BLK
SPV-P19-xxx, SPV-P19-xxx-BLK
(xxx = 310 - 335 in steps of 5, 67x6 cells)
xxx represent output power in Wp

Remarks:

Class II acc. to IEC 61140
Max. System Voltage: 1000 VDC (Voc at STC)
Max. Positive Design Load (downward) 3600 Pa
Max. Negative Design Load (upward) 1600 Pa
Tested with safety factor 1.5
The above listed PV modules fulfil the requirements of
Fire Class C per UL1703 (per UL790 modified)

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.
This certificate replaces certificate PV 60145777.
Validity: 5 August 2023

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
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fulfills above mentioned requirements, the production is subject to surveillance.*

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Dipl.-Ing. A. Cox

**Anlage Fertigungsstättenliste
/Attachment List of Factories**



PV 60146577 0001

1 SunPower Corporation Mexico,
Sde RL de CV
Cambridge Industrial Park
Blvd. Lázaro Cárdenas no. 3101
21118 Mexicali, Baja California
Mexico

2 SunPower Manufacturing De
Vernejoul SAS
Composite Park De Vernejoul
Rue Diesen
57890 Porcelette
France

3 SunPower Corporation Mexico,
S de RL de
Calle Esmeralda #225 Col
Col. Carlos Pacheco
22850 Ensenada
Mexico

4 Huansheng Photovoltaic (Jiangsu)
Co.,Ltd Factory NO. 108,109,110
Zhonghuan Yixing Industrial Park
No. 2 Tengfei Road
Economic & Technology Development Zone
214203 Yixing, Jiangsu
P.R. China

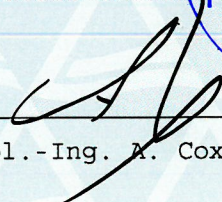
5 SunPower Technologies France S.A.S.
Parc technologique
Saint Martin du Touch
2 Impasse Léontine de Castelbajac
31300 Toulouse
France

Dieser Anhang ersetzt den Vorgänger vom/
This annex replaces the previous annex dated

Datum / Date 07.02.2020

Zertifizierungsstelle
/ Certification Body




Dipl.-Ing. A. Cox