

Certificate



Registration No.: PV 60107333

Page 1

Report No.: 21244419.001

License Holder:

SunPower Corporation

77 Rio Robles
San Jose, CA 95134
USA

Manufacturing Plant:

SunPower Philippines Mfg. Ltd.
100 East Main Ave
Laguna Techno Park
Binan, Laguna

Philippines

Product:

PV Modules

Type:

with 5" mono cells

SPR-Eyy-xxx, SPR-Xyy-xxx

SPR-Eyy-xxx-z, SPR-Xyy-xxx-z

SPV-Eyy-xxx, SPV-Xyy-xxx

SPV-Eyy-xxx-z, SPV-Xyy-xxx-z

(xxx = 105-145 in steps of 1, 36 cells)

(xxx = 235-290 in steps of 1, 72 cells)

(xxx = 290-385 in steps of 1, 96 cells)

(xxx = 410-515 in steps of 1, 128 cells)

SPR-Eyy-xxx-A-BI, SPR-Xyy-xxx-A-BI

SPV-Eyy-xxx-A-BI, SPV-Xyy-xxx-A-BI

(xxx = 235-290 in steps of 1, 72 cells)

SPR-Eyy-xxx-T5, SPR-Xyy-xxx-T5

SPV-Eyy-xxx-T5, SPV-Xyy-xxx-T5

(xxx = 290-385 in steps of 1, 96 cells)

(yy = 18, 19, 20, 21 or 22)

(z = BLK, LAM and/or COM)

xxx represent output power in Wp

Basis:

IEC 61730-1:2004+A1+A2

IEC 61730-2:2004+A1

EN 61730-1:2007+A1+A2

EN 61730-2:2007+A1

"Photovoltaic (PV) module safety qualification"

Factory Inspection

To document the consistent quality of the product factory inspections are performed periodically.



www.tuv.com
ID 000022009

Remarks:

- This certificate includes further manufacturing plants as listed on Attachment List of Factories.
- Valid in conjunction with TÜV Rheinland certificate based on IEC EN 61215.
- The above listed PV modules fulfil the requirements of Application **Class A (Class II acc. to IEC 61140)**. They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1000 VDC**.
- The above listed PV modules fulfil the requirements of **fire rating class C**.

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.

The certificate has a validity of 5 years counting from date of issue.

Cologne, 18 December 2015



Dipl.-Ing. M. Adrian

Certificate



Registration No.: PV 60107330

Page 2

Report No.: 21244419.001

License Holder:

SunPower Corporation
77 Rio Robles
San Jose, CA 95134
USA

Product:

PV Modules
Type:
with 5" mono cells

Manufacturing Plant:

SunPower Philippines Mfg. Ltd.
100 East Main Ave
Laguna Techno Park
Binan, Laguna

SPR-xxxxy-WHT-I, SPR-xxxxy-WHT-D
SPR-xxxxy-BLK-I, SPR-xxxxy-BLK-D

(xxx = 105-145 in steps of 2 or 3, 36 cells)
(xxx = 235-290 in steps of 2 or 3, 72 cells)
(xxx = 290-385 in steps of 2 or 3, 96 cells)
(xxx = 410-515 in steps of 2 or 3, 128 cells)
(y = " ", L, E, EL, N, NE, NEL, X, XL, NX, NXL, J, JL, NJ, NJL)
SOLRIF-SPR-xxxxy-WHT-I, SOLRIF-SPR-xxxxy-WHT-D
SOLRIF-SPR-xxxxy-BLK-I, SOLRIF-SPR-xxxxy-BLK-D
(xxx = 235-290 in steps of 2 or 3, 72 cells)
(y = " ", E, NE, X, NX, J, NJ)
T5-SPR-xxxxy
(xxx = 290-385 in steps of 2 or 3, 96 cells)
(y = " ", E, NE, X, NX, J, NJ)

xxx represent output power in Wp

Philippines

Basis:

- IEC 61730-1:2004+A1+A2
IEC 61730-2:2004+A1
EN 61730-1:2007+A1+A2
EN 61730-2:2007+A1
"Photovoltaic (PV) module safety qualification"

- Factory Inspection**
To document the consistent quality of the product factory inspections are performed periodically.



www.tuv.com
ID 0000022009

Remarks:

- This certificates includes further manufacturing plants as listed on Attachment List of Factories.
- Valid in conjunction with TÜV Rheinland certificate based on IEC EN 61215.
- The above listed PV modules fulfil the requirements of Application **Class A** (Class II acc. to IEC 61140). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1000 VDC**.
- The above listed PV modules fulfil the requirements of **fire rating class C**.

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.

The certificate has a validity of 5 years counting from date of issue.

Cologne, 18 December 2015



Dipl.-Ing. M. Adrian

Attachment List of Factories

PV 60107330 0001

1. SunPower Philippines Mfg. Ltd.
100 East Main Ave
Laguna Techno Park
Binan, Laguna
Philippines
2. SunPower Technologies France S.A.S.
Parc Technologique de Saint Martin du Touch
2 Impasse Léontine de Castelbajac
31300 Toulouse
France
3. SunPower Manufacturing (Pty) Ltd.
109 & 111 Manhattan Road
Boquinar Industrial Area, Airport Industria
Cape Town 7525
South Africa
4. SunPower Corporation Mexico, Sde RL de CV
Blvd. Lázaro Cárdenas no. 3101
Cambridge Industrial Park
Mexicali, Baja California 21118
Mexico
5. SunPower De Vernejoul (SPDV)
Composite Park De Vernejoul, Rue de Diesen
57890 Porcelette
France

Certification body



Cologne, 18 December 2015

Dipl.-Ing. M. Adrian