

Certificate

Registration No.: PV 60032487

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Report No.: 15034725.001

License Holder:
Sun Value GmbH
Gewerbegebiet 9
5121 Ostermiething
Austria

Manufacturing Plant:
0001--21144895 001

Product:
PV Module

Type:
Sun Value SV-xxx MI (xxx = 210 – 255 in increments of 5)
96 cells, 5" mono
Sun Value SV-xxx MI (xxx = 160 – 190 in increments of 5)
72 cells, 5" mono
Sun Value SV-xxx PI (xxx = 245 – 300 in increments of 5)
72 cells, 6" poly
Sun Value SV-xxx PI (xxx = 200 – 240 in increments of 5)
60 cells, 6" poly

Basis:

IEC 61215:2005
EN 61215:2005
"Crystalline silicon terrestrial
photovoltaic (PV) modules - Design
qualification and type approval"

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



- Qualified, IEC 61215
- Periodic Inspection

Remarks:

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 is valid until 4 December 2014.

Cologne, 26 July 2010



Dipl.-Ing. M. Adrian

Certificate

Registration No.: PV 60032488

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Report No.: 15034725.002

License Holder:
Sun Value GmbH
Gewerbegebiet 9
5121 Ostermiething
Austria

Product:
PV Module
Type:
Sun Value SV-xxx MI (xxx = 210 – 255 in increments of 5)
96 cells, 5" mono
Sun Value SV-xxx MI (xxx = 160 – 190 in increments of 5)
72 cells, 5" mono
Sun Value SV-xxx PI (xxx = 245 – 300 in increments of 5)
72 cells, 6" poly
Sun Value SV-xxx PI (xxx = 200 – 240 in increments of 5)
60 cells, 6" poly

Manufacturing Plant:
0001--21145148 001

Basis:

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

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



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic Inspection

Remarks:

- IEC EN 61730 consists of part 1 (Requirements for construction) and part 2 (Requirements for testing).
- The above listed PV modules fulfil the requirements of Application Class A (Safety Class II). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1000 VDC**.
- The fire test (IEC 61730-2 / MST 23) was not performed.

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 is valid until 4 December 2014.

Cologne, 26 July 2010



Dipl.-Ing. M. Adrian