

Certificate

Registration No.: PV 50192405

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Report No.: 12605527 007

License Holder:

ASTOM AG

Hauptstrasse 16
CH-8280 Kreuzlingen
Switzerland

Product:

PV Module

Type: AS xxxP-36

xxx = 75, 100, 120 or 150

AS xxxP-60

xxx = 200, 210, 220 or 230

AS xxxP-72

xxx = 175, 260 or 280

Manufacturing Plant:

0002-12605527 001

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.



- **Periodic inspection**
- **Qualified, IEC 61215**
- **Safety tested, IEC 61730**

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 01 September 2014.



Certification body

Yokohama, 19 November 2010

TÜV Rheinland Japan Ltd. – Yokohama 222-0033, Japan


Dipl.-Ing. W. Herlitschke

Certificate

Registration No.: PV 50192407

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Report No.: 12605527 008

License Holder:

ASTOM AG

Hauptstrasse 16
CH-8280 Kreuzlingen
Switzerland

Product:

PV Module

Type: AS xxxP-36

xxx = 75, 100, 120 or 150

AS xxxP-60

xxx = 200, 210, 220 or 230

AS xxxP-72

xxx = 175, 260 or 280

Manufacturing Plant:

0002-12605527 002

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.



- **Periodic inspection**
- **Qualified, IEC 61215**
- **Safety tested, IEC 61730**

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.

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Certification body



Dipl.-Ing. W. Herlitschke

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