

Certificate

Registration No.: PV 60024452

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Report No.: 21211115-2

License Holder:

Sovello AG

Sonnenallee 14-30
06766 Bitterfeld-Wolfen
Germany

Manufacturing Plant:

Sovello AG
Sonnenallee 14-30
06766 Bitterfeld-Wolfen
Germany

Product:

PV Modules

Type:

SV-X-190-fa1, SV-X-195-fa1, SV-X-200-fa1,
SV-X-205-fa1, SV-X-210-fa1,
SV-X-215-fa1, SV-X-220-fa1,
SV-X-190-fa2, SV-X-195-fa2, SV-X-200-fa2,
SV-X-205-fa2, SV-X-210-fa2,
SV-X-215-fa2, SV-X-220-fa2.
SV-T-170-fa1, SV-T-175-fa1, SV-T-180-fa1,
SV-T-185-fa1, SV-T-190-fa1,
SV-T-195-fa1, SV-T-200-fa1.
SV-T-170-fa2, SV-T-175-fa2, SV-T-180-fa2,
SV-T-185-fa2, SV-T-190-fa2,
SV-T-195-fa2, SV-T-200-fa2.
SV-T-170-fb1, SV-T-175-fb1, SV-T-180-fb1,
SV-T-185-fb1, SV-T-190-fb1,
SV-T-195-fb1, SV-T-200-fb1.

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.

The details of the factory inspection are noted in report no.: 21210672.

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 March 2014.



Cologne, 4 March 2009

Dipl.-Ing. M. Adrian