

Certificate

Registration No.: PV 60023364

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Report No.: 21208700-2

License Holder:

Evergreen Solar, Inc.
138 Bartlett Street
Marlboro, MA 01752-3016
USA

Manufacturing Plant:

Evergreen Solar
112 Barnum Road
Devens, MA 01432
USA

Product:

PV Modules

Type:

ES-A-190-fa1, ES-A-195-fa1, ES-A-200-fa1,
ES-A-205-fa1, ES-A-210-fa1,
ES-A-215-fa1, ES-A-220-fa1
ES-A-190-fa2, ES-A-195-fa2, ES-A-200-fa2,
ES-A-205-fa2, ES-A-210-fa2,
ES-A-215-fa2, ES-A-220-fa2
ES-B-170-fa1, ES-B-180-fa1, ES-B-190-fa1,
ES-B-195-fa1, ES-B-200-fa1
ES-B-170-fa2, ES-B-180-fa2, ES-B-190-fa2,
ES-B-195-fa2, ES-B-200-fa2
ES-B-170-fb1, ES-B-180-fb1, ES-B-190-fb1,
ES-B-195-fb1, ES-B-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.: 21210590.

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 21 November 2013.



Cologne, 15 December 2008

Dipl.-Ing. M. Adrian