

Certificate

Registration No.: PV 60032791

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Report No.: 21152796.001

License Holder:

alfasolar GmbH

Ahrensburger Str. 4 – 6
30659 Hannover
Germany

Product:

PV Modules

Type: Alfasolar ECOLINE xxP (where xx stands for:
10, 12, 20, 40, 50, 60, 65, 120, 125, 130, 135)

Alfasolar 175P6L48; from 165 to 185 Wp
Alfasolar 180P6L54; from 185 to 205 Wp
Alfasolar 220P6L60; from 205 to 230 Wp
Alfasolar 265P6L72; from 246 to 275 Wp
Alfasolar 300P6L80; from 274 to 305 Wp

Alfasolar Pyramid 36; from 120 to 143 Wp
Alfasolar Pyramid 48; from 175 to 190 Wp
Alfasolar Pyramid 54; from 195 to 215 Wp
Alfasolar Pyramid 60; from 217 to 237 Wp
Alfasolar Pyramid 72; from 260 to 285 Wp
Alfasolar Pyramid 80; from 290 to 316 Wp

Manufacturing plant:

0001–21152796 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 23 July 2013.



Cologne, 4 August 2010

Dipl.-Ing. M. Adrian