



Certificate of Factory Production Control

This certificate has been issued to

alfasolar GmbH

of

**Ahrensburger Straße 4-6,
Hannover,
30569,
Germany.**

whose production management system has been assessed and found to comply with the Factory Production Control Requirements of the MCS Product Certification Scheme in respect of:

Production of Photovoltaic Solar Panels

at the above address

and includes the following products:

**alfasolar ECOLINE xxP;
alfasolar xxxP6Lyy; alfasolar Pyramid yy;**

**Ranges of Photovoltaic Solar Modules as detailed
on the attached annex to this certificate**

Signed:

on behalf of BABT



Certificate Number: BAPT 8520 R0

Valid from: 11th March 2011 This Certificate expires on: 10rd March 2014

The holder of this certificate is authorised to use the MCS Approved Product Mark. This certificate has been issued by BABT in accordance with the Certification Regulations of BABT. Conditions of validity of this certificate, if any, are listed in the Annex. This certificate is not transferable and remains the property of BABT at all times. This certificate constitutes page 1 of the combined Certificate and Annex.

(For scope of certification prior to the validity date on this certificate please refer to BABT)



Annex to Certificate Number BABT 8520 R0

Manufacturing Location:

Företagscentrum Hus 30,
Gällivare, 98228,
Sweden.

Standards used to establish conformity

MCS005 Issue 2.3 and MCS010 Issue 1.5 on the basis of a BABT Assessment Report BABT 8520 dated 4th January 2011 and subsequent information and test data supplied and accepted by BABT.

Product Categories within the Scope of this Certification

Product Category	Conditions
Photovoltaic Panels	See below

Products within the Scope of this Certification


Product Category	Conditions
<p>BABT 8520-01: alfasolar ECOLINE xxP Where xx = 10, 12, 30, 40, 50, 60, 65, 80, 120, 125, 130, 135.</p> <p>BABT 8520-02: alfasolar xxxP6Lyy Where xxx = power rating and yy = no. of cells</p> <p>alfasolar 175P6L48; from 160 to 185 Wp alfasolar 180P6L54; from 180 to 210 Wp alfasolar 220P6L60; from 200 to 230 Wp alfasolar 265P6L72; from 240 to 275 Wp alfasolar 300P6L80; from 270 to 316 Wp</p> <p>BABT 8520-03: alfasolar Pyramid yy; Where yy = no. of cells</p> <p>alfasolar Pyramid 36; from 120 to 145 Wp alfasolar Pyramid 48; from 175 to 190 Wp alfasolar Pyramid 54; from 195 to 220 Wp alfasolar Pyramid 60; from 217 to 244 Wp alfasolar Pyramid 72; from 260 to 285 Wp alfasolar Pyramid 80; from 290 to 326 Wp</p>	<p>This certificate covers a range of Photovoltaic Solar Panels which use Polycrystalline cells.</p> <p>The products use 36, 48, 54, 60, 72 and 80 cells respectively and are manufactured using the same processes and materials.</p>

Conditions:

This certificate authorizes the manufacturer or their authorized representative to apply the MCS Approved Product Mark to the range of products listed above in accordance with the MCS sub-licence agreement dated **7th March 2011**.

This certificate loses its validity if the manufacturer makes any changes or modifications to the product or the approved quality system, which have not been notified to, and agreed with BABT.

The manufacturer must immediately cease affixing the MCS Approved Product Mark on any product subject to expiry, withdrawal or revocation of this certificate.

Signed:.....  on behalf of BABT	Valid From: 11 th March 2011
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