

Certificate



Registration No.: PV 60095706

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Report No.: 21219042.002

License Holder:

Alfa Solar Enerji İnşaat Sanayi ve Ticaret A.Ş.

Kirikkale 1. OSB Kizilirmak
CAD. 2. SK. No: 13
Yahşihan/Kirikkale
Turkey

Product:

PV Modules

with 6" poly cells:

ASE72Pxxx (258 – 315 in steps of 1 with 72 cells)
ASE60Pxxx (215 – 238 in steps of 1 with 60 cells)
ASE54Pxxx (193 – 236 in steps of 1 with 54 cells)
ASE48Pxxx (172 – 210 in steps of 1 with 48 cells)
ASE36Pxxx (128 – 157 in steps of 1 with 36 cells)

Manufacturing Plant:

Alfa Solar Enerji İnşaat Sanayi ve Ticaret A.Ş.
Kirikkale 1. OSB Kizilirmak
CAD. 2. SK. No: 13
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xxx represent output power in Wp

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.



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Remarks:

- Valid in conjunction with TÜV Rheinland certificate based on IEC EN 61215.
- The above listed PV modules fulfil the requirements of Application **Class A** (Class II acc. to IEC 61140). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1000 VDC**.
- The mechanical load test of EN IEC 61215:2005 was performed with a load of **5400 Pa**.
- The above listed PV modules fulfil the requirements of **fire rating class C**.

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 August 2019.

Certification body



Dipl.-Ing. M. Adrian

Cologne, 22 January 2015