

bluetÜV
by TÜV Thüringen

conserve
resources
point out
alternatives
create
sustainability

bluetÜV
sustainability brand
of TÜV Thüringen

www.bluetuev.de

CERTIFICATE

asola - Advanced and Automotive
Solar Systems GmbH
Konrad-Zuse-Str. 25
99099 Erfurt - Germany

photovoltaic-module type
asola 270W/72 - 156JM3BB

TÜV Thüringen certifies above listed photovoltaic - modul type of manufacturer asola - Advanced and Automotive Solar Systems GmbH complies all requirements up to below listed norms.

**model listed below qualified
based on:**

IEC 61215:2006
EN 61215:2006
IEC 61730-1:2007
EN 61730-1:2007
IEC 61730-2:2007



Date of certification: 20.11.2009
Certificate is valid by: 20.11.2014
Certificate number: 3001-150001-3

Erfurt, 20. November 2009


TÜV Thüringen e. V.
certification body photovoltaic

Certificate is valid only with test report number: 3001-150001-1.

Attachment is part of this certificate as one page.



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Attachment to certificate Number.: 3001-150001-3

address of manufacturer:

asola - Advanced and Automotive Solar Systems GmbH

Konrad-Zuse-Straße 25
99099 Erfurt
Germany

production plant:

asola - Advanced and Automotive Solar Systems GmbH

Konrad-Zuse-Straße 25
99099 Erfurt
Germany

**product:
photovoltaic-module-type:**

asola YYYW/72-156JM3BB	YYY=power range 250W-300W
asola XXYW/60-156JM3BB	XXY=power range 210W-250W
asola XXYW/60-156JM3BB/2	XXY=power range 210W-250W
asola ZZZW/48-156JM3BB/2	ZZZ=power range 175W-200W
asola XXXW/40-156JM3BB	XXX=power range 145W-175W
asola XYZW/54-156JM3BB	XYZ=power range 195W-225W

Notes:

- DIN EN 61730 includes:

part 1 (requirements to test set-up) and
part 2 (requirements test procedure)

- listed photovoltaic - modul complies all requirements according to application class A (safety class II)
- application in photovoltaic power stations by maximum voltage of 1000VDC (V_{oc} by STC)
- fire test is not subject of this test procedure according to (DIN EN 61730-2 / MST 23)

conditions:

All product tests are carried out according to valid technical instructions.
By modification of design, materials, components or production retests are required according to retesting guideline.

Erfurt, 20. November 2009

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