



C E R T I F I C A T E

Certificate No. 09-PPV-00046/01-TIC

WE HEREBY CERTIFY THAT THE PHOTOVOLTAIC MODULES WITH THE MODEL

Asola 240W/60 - 156SM3BB
(Tested types)

And with Types extended for similarity*
- See Annex -

MANUFACTURING & LICENSE HOLDER
ASOLA - ADVANCED AND AUTOMOTIVE SOLAR SYSTEMS GMBH
Konrad-Zuse-Straße 25 D-99099 Erfurt

IS IN COMPLIANCE WITH THE REQUIREMENTS OF

IEC 61215 : 2005

Crystalline silicon terrestrial photovoltaic (PV) modules – Design qualification and type approval

&

EN 61730-1 / EN 61730-2 : 2007

Photovoltaic (PV) module safety qualification

To be used in plants at a total voltage up to : 1000 Vdc (application Class A)

AS RESULT OF THE TEST IN OUR APPOINTED LABORATORY

EUROTEST LABORATORI
(EA ACCREDITED LABORATORY N. 0192)

REPORT No. TIC-PVC01CdO09C476001

Expiring date 17.06.2012

(Providing that the testing basis continues unchanged)

Notes: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type Asola 240W/60 - 156SM3BB. Further details on certified models are reported on the attachment. Technical data, materials and components description are into the indicated test reports. Any changes of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval. The certification is performed on tested model as retest performed according to IEC61215 "Retesting guideline" for similarity with model asola XXY W/60 - 156SM3BB with differences in cell technology (certificate n° 21208636-4 and 212 08636-5 released by TUV Rheinland in date 09/02/2009). This certificate is for type approval and based on voluntarily product test without Factory inspection.



Am Bonner Bogen 2, D-53227 Bonn,

22.03.2010

Dipl.- Ing. F. Sergizzarea

TUV INTERCERT Certification Body

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C E R T I F I C A T E

Annex of

Certificate No. 09-PPV-00046/01-TIC

THE PHOTOVOLTAIC MODULES WITH THE MODELS

Tested Type	Cell Number	Cell Size	Cell Technology	Power
asola 240W/60 - 156SM3BB	60	6"	monocrystalline	240

Types extended for similarity* with Monocrystalline Cell Technology without need of re-testing
(according to IEC61215 "Retesting guideline"):

Type	Cell Number	Cell Size	Power [W]
asolaXXYW/60-156SM3BB/2*	60	6"	210 - 250
asola XYZ/54-156SM3BB*	54	6"	195 - 220
asolaZZZW/48-156SM3BB/2*	48	6"	175 - 195
asolaXXXW/40-156SM3BB*	40	6"	145 - 175

Notes: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type Asola 240W/60 - 156SM3BB. Further details on certified models are reported on the attachment. Technical data, materials and components description are into the indicated test reports. Any changes of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval. The certification is performed on tested model as retest performed according to IEC61215 "Retesting guideline" for similarity with model asola XXY W/60 - 156SM3BB with differences in cell technology (certificate n° 21208636-4 and 212 08636-5 released by TÜV Rheinland in date 09/02/2009). This certificate is for type approval and based on voluntarily product test without Factory Inspection.



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