

Type Approval  
**CERTIFICATE**

N. C01-R2 09K430001

Released by: **EuroTest Laboratori S.r.l.**

Seeing test reports: PVC01-R1 CdO 09K430001, PVC02-R1 CdO 09K430001  
PS101-R1 09K430001, PS201-R1 09K430001

Released by Eurotest Laboratori Srl Via Marconi, 23 – Brugine (PD) - Italy

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We declare that the following product:

**Photovoltaic Modules**

Models list:

tested type: **BMU-227**  
(formerly known as BMU-215-2/227)

extended by similarity (\*)

BMU-206, BMU-210, BMU-214, BMU-215, BMU-218, BMU-221, BMU-224, BMU-233, BMU-239, BMU-245

License holder:

**Bisol Proizvodnja d.o.o.**  
Latkova vas 59a - 3312 Prebold Slovenija

Manufacturer:

**Bisol Proizvodnja d.o.o.**  
Latkova vas 59a - 3312 Prebold Slovenija

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as results of test made complies the standard:

CEI EN 61215 (2006)

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

CEI EN 61730-1, CEI 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)

(\*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type BMU-227 (formerly known as BMU-215-2/227). 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.

This certificate has a validity of 1 year.

Brugine, 18 November 2011

Laboratory deputy manager

Performed certification on tested model:

- complete certification
- retest performed according to IEC61215 “Retesting guideline” for similarity with model BMU-215-2/xxx (certificate n° PV 60024726 released by TUV Rheinland in date 24/03/2009).  
with differences in:  
point a.: cell technology  
point c.: superstrate

Tested type:

Type	cell number	cell size	cell technology	power [W]
BMU-227 (formerly known as BMU-215-2/227)	60	6"	polycrystalline	227

Types extended for similarity without need of re-testing (according to IEC61215 “Retesting guideline”):

Type	cell number	cell size	cell technology	power [W]
BMU-206	60	6"	polycrystalline	206
BMU-210	60	6"	polycrystalline	210
BMU-214	60	6"	polycrystalline	214
BMU-215	60	6"	polycrystalline	215
BMU-218	60	6"	polycrystalline	218
BMU-221	60	6"	polycrystalline	221
BMU-224	60	6"	polycrystalline	224
BMU-233	60	6"	polycrystalline	233
BMU-239	60	6"	polycrystalline	239
BMU-245	60	6"	polycrystalline	245

Additional notes

Revision R1 of reports and certificate for change of company name  
Revision R2 of certificate for change of model name

Model BMU-227 (formerly known as BMU-215-2/227) was tested in 2009

Laboratory deputy manager