

Type Approval  
**CERTIFICATE**

N. C01 16752-100019

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

Seeing test reports: PVQ01 16752-100019 and PS201 16752-100019

Issued by Eurotest Laboratori Srl Via dell'Industria, 18 – Brugine (PD) - Italy

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We declare that the following product:

**Photovoltaic Modules**

Models list:

tested type: **AS 275M PAW**

extended by similarity (\*)  
see appended table

License holder:

**ArcticSolar AB**

Företagscentrum, Box 840, 98228 Gällivare,  
Sweden

Manufacturer:

**ArcticSolar AB**

Företagscentrum, Box 840, 98228 Gällivare,  
Sweden

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as results of test made complies the standard:

EN 61215:2006/IEC 61215:2005

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

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 AS 275M PAW. 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 5 years.

Brugine, 30/04/2010

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## Performed certification on tested model:

- complete certification  
 retest performed according to IEC61215 “Retesting guideline” for similarity with model AS220GKP  
 (certificates n° C01 08C366001, C02 08C366001 released by Eurotest Laboratori S.r.l. in date 10 Oct. 2008).

with differences in:

- point a.: cell technology  
 point c.: superstrate  
 point f.: frame or mounting structure  
 point g.: junction box  
 point j.: higher or lower power by more than 10%

## Tested type:

Type	cell number	cell size [mm]	cell technology	power [W]
AS 275M PAW	72	156x156mm	polycrystalline	275W

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

Type	cell number	cell size [mm]	cell technology	power [W]
AS xxxM Pxy	72	156x156mm	polycrystalline	from 255W to 300W with 5W steps
AS xxxM Pxy	60	156x156mm	polycrystalline	from 230W to 250W with 5W steps
AS xxxM Pxy/60	60	156x156mm	polycrystalline	from 215W to 225W with 5W steps
AS xxxM Pxy	54	156x156mm	polycrystalline	205W and 210W
AS xxxM Pxy/54	54	156x156mm	polycrystalline	from 190W to 200W & from 215W to 225W with 5W steps
AS xxxM Pxy	48	156x156mm	polycrystalline	from 170W to 185W with 5W steps
AS xxxM Pxy/48	48	156x156mm	polycrystalline	from 190W to 200W with 5W steps
AS xxxM Pxy	36	156x156mm	polycrystalline	from 125W to 150W with 5W steps
AS xxxM Sxy	72	156x156mm	polycrystalline	from 250W to 290W with 5W steps
AS xxxM Sxy	60	156x156mm	polycrystalline	205W & from 225W to 245W with 5W steps
AS xxxM Sxy/60	60	156x156mm	polycrystalline	from 210W to 220W with 5W steps
AS xxxM Sxy	54	156x156mm	polycrystalline	185W, 200W & 205W
AS xxxM Sxy/54	54	156x156mm	polycrystalline	190W, 195W & from 210W to 220W with 5W steps
AS xxxM Sxy	48	156x156mm	polycrystalline	from 165W to 185W with 5W steps
AS xxxM Sxy/48	48	156x156mm	polycrystalline	190W & 195W

## Additional notes

suffix xxx indicates rated power; suffixes Pxy or Sxy indicate:  
 P or S = glass external surface texture; x = frame colour and y = backsheet colour

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