For a Free Quote:

Web: EnergyPal.com/solar

Call: **1-800-990-3725**

Email: contact@energypal.com

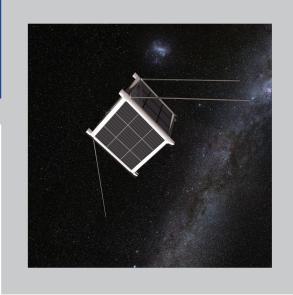


Solar Panel Guide Specification Data Sheet

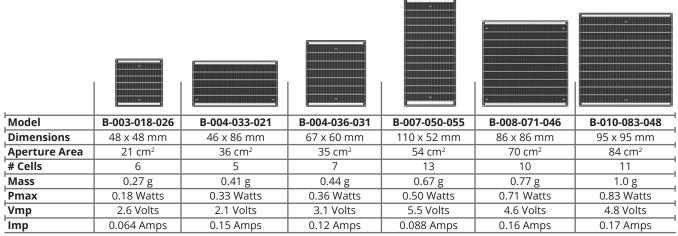
Ascent Solar Technologies Inc.
Solar Bare Modules - Mini-Scale
B-004-036-031

BARE MODULES MINI-SCALE GROUP

These mini-sized modules are perfect for integrating into small sensors and other electronic devices. They are also small enough for easy concealment for long-term trickle charging in remote locations.







All physical specifications are nominal. All electrical specifications are typical.





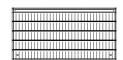
BARE MODULE CHARACTERISTICS	
Operating Temperature Range	-140°C to 125°C
Excursion Temperature Range	-196°C to 250°C (atmosphere dependent, non-oxidizing)
Storage Temperature Range	20°C to 30°C (dry and inert)
Allowable Radius of Curvature	30 mm (installation around this small radius is discouraged as the resultant shading will severely degrade the electrical performance)
Nominal Module Thickness at the Device	0.052 mm
Nominal Module Thickness at the Printed Bus	0.080 mm

These values are representative of the bare modules only. Any coatings, applied materials or packaging may affect these values. All physical specifications are nominal. All electrical specifications are minimum typical.

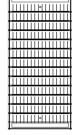
TEMPERATURE COEFFICIENTS

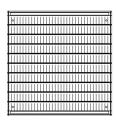
Power	- 0.47%/°C
Vmp	- 0.43%/°C
Imp	- 0.06%/°C

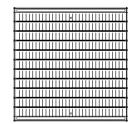
















Contact your sales representative for more details.



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www.AscentSolar.com | +1 720-872-5000

Ascent Solar Technologies, Inc. is a developer of thin-film photovoltaic modules using flexible substrate materials that are more versatile and rugged than traditional solar panels. Ascent Solar modules were named as one of the top 100 technologies in both 2010 and 2015 by R&D Magazine, and one of TIME Magazine's 50 best inventions for 2011. The technology described above represents the cutting edge of flexible power and can be directly integrated into consumer products and off-grid applications, as well as other aerospace applications.

ISO 9001:2015 certified Stock Ticker: ASTI

Sales@AscentSolar.com