

Cygnus PV Modules



Electrical Data

Model	AS230P
Nominal Maximum power(Pmax)	230 watt
Open circuit voltage(Voc)	36.64 V
Optimum operating voltage(Vmp)	29.19 V
Optimum operating current(Imp)	7.91 A
Short circuit current (Isc)	8.27 A
Maximum system voltage	600 V
Cell Efficiency	15.75%
NOCT	47 +/- 2°C
Power tolerance	0% to +2%
Temperature coefficient open circuit voltage	-0.351%/ K
Temperature coefficient open circuit current	-0.035%/ K
Temperature coefficient power	-0.47%/ K
Operating temperature	-40°C ~ +85°C

Under Standard Test condition(STC) : Spectrum AM = 1.5, irradiances of 1000W/m² Cell temperature : 25°C

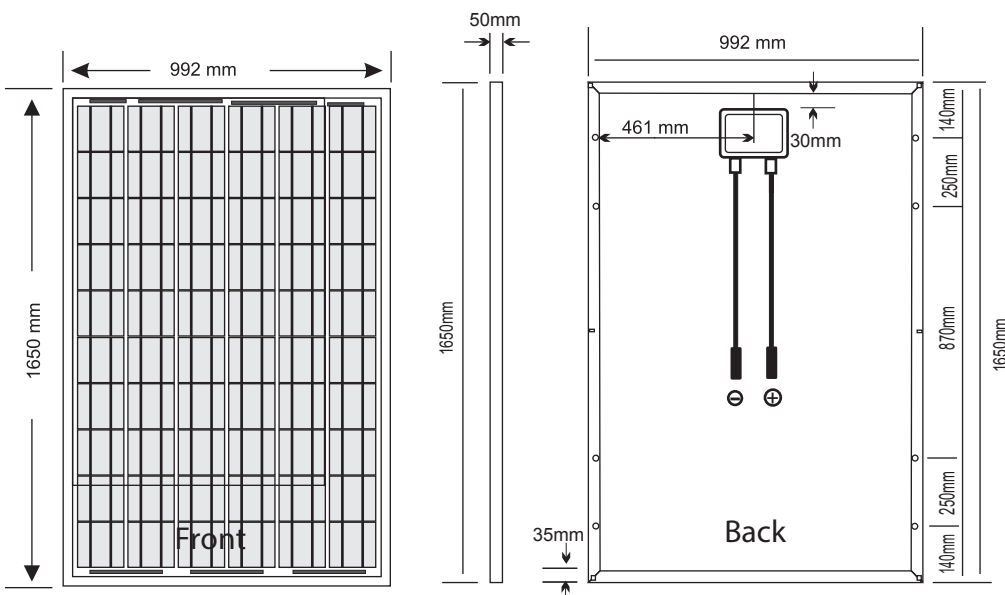
Mechanical Data

Cell Type	Polycrystalline 156 x 156 mm, 2 bussbar
Cell Arrangement	60 (6 x 10)
Dimensions	1650 x 992 x 50 mm
Weight	20.5 Kg(45.1 lbs)
Front cover Glass	3.2mm Tempered Textured Glass
Frame Material	Anodized Aluminum alloy
Junction Box	IP 65, 3 diodes
Cable & connector	4.0mm ² MC 4

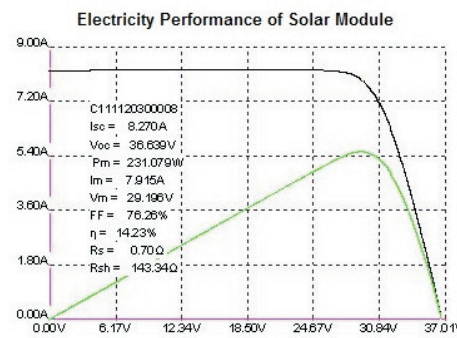
Note: Monocrystalline PV modules also available



Dimensions



IV Curve



**ONTARIO
FIT
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Measurement shown here may slightly differ from actual one. Specifications and design are subject to change without notice.

www.amazingsolarinc.com



Cygnus PV Modules by Amazing Solar Inc.

- ▶ Thorough manufacturing process ensures highest quality PV modules at the most competitive price.
- ▶ Designed and manufactured in Ontario, Canada.
- ▶ 25 years manufacturer's power output guarantee.
- ▶ 5 years manufacturer's warranty.
- ▶ TUV certification certified.
- ▶ Economically priced to maximize your return on investment



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