DATASHEET
Solar Module 165W

ECAMI S.A.
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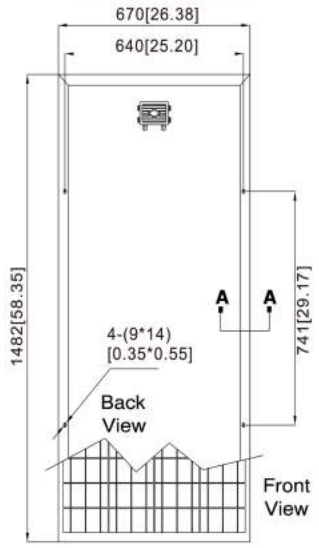
MODEL: SUN 165 – 36P	
PV MODULE ELECTRICITY PERFORMANCE PARAMETER	
Cell Type:	Polycrystalline silicon solar cell
Maximum Power (Pmax)	165W
Voltage at Pmax (Vmp)	17.6V
Current at Pmax (Imp)	9.39A
Open-circuit voltage (Voc)	22.0V
Short circuit current (Isc)	10.0A
Max System Voltage:	600V
Temperature Range	-45˚C ~ +80˚C

NOTE: POWER MEASURED UNDER STANDARD TEST CONDITIONS:
1000W/M² AM 1.5 GLOBAL, 25˚C - CELL TEMPERATURE

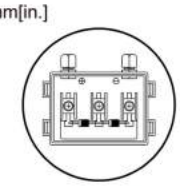
WARNING!

This solar module produces electricity when exposed to light. Cover all modules in the PV array with opaque material before making any wiring connections or opening the terminal box.

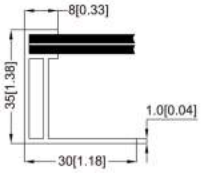
Module Diagram



Dimensions in brackets are in inches.
Un-bracketed dimensions are in millimeters.
Unit:mm[in.]

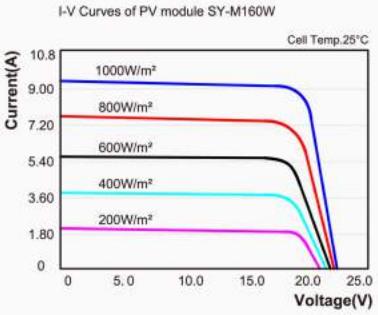


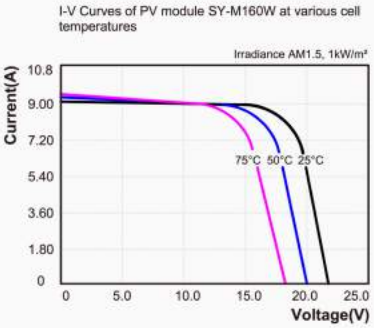
Junction Box
Top View (Lid open)



Section A-A

I-V Curves





Key Features:

- High module efficiency and stable power output
- Based on leading process technology
- Outstanding electrical performance under high temperature conditions or low irradiance conditions
- Easy of installation and all-weather applications
- 10 years product warranty(materials and workmanship)
- 25 years module power output warranty
- Peak power of single module is guaranteed in +3% power tolerance
- Strong framed module,passing loaded test of 5400 Pa (IEC61215 2nd)
- *The manufacture is certified for ISO 9001:2008*

Product's Guarantee

- 10 years products life warranty
- 15 years module power output no less 90%
- 25 years module power output no less 80%

Applications

- Off grid residential roof-tops
- Off grid commercial/industrial roof-tops
- Rural area applications
- Solar power system
- Other off-grid applications

SUNYO®

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