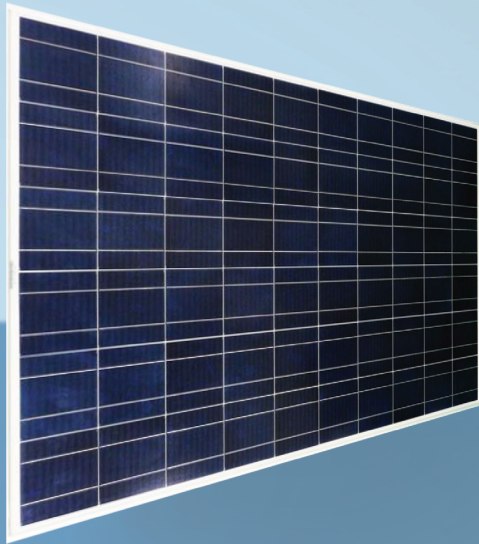


From the world leading  
PV research lab comes  
*sensible solar.*



## SUNIVA® MVP 240 MULTICRYSTALLINE SOLAR MODULES



### MVP240-60-5-401

Suniva's MVP modules consist of world class quality multicrystalline solar cells to bring you a reliable yield even under demanding conditions. Offering industry-leading performance, MVP modules have a positive power tolerance to ensure reliable output. Ideal for residential rooftop systems, and on or off-grid commercial and utility systems, MVP modules provide excellent value, performance and reliability.

Certifications :



### Engineering Excellence

- Built with world class quality multicrystalline cells, providing excellent performance value
- Suniva's state-of-the-art manufacturing facilities feature the most advanced equipment and technology
- Suniva is a U.S.-based company spun out from the Georgia Tech University Center of Excellence in Photovoltaics (one of only two such research centers in the U.S.)

### Features

- Delivers module conversion efficiency of up to 14.7%
- Resists salt and ammonia corrosion using aluminum anodized coating
- More power per module saves on Balance of System costs; ask about our Balance of System Solutions (BOSS)
- Provides industry-leading 25 year linear warranty

### Quality & Reliability

MVP modules are manufactured and warranted to rigid specifications assuring quality worldwide

Our specifications include:

- Rigorous quality management
- Performance longevity with advanced polymer backsheet
- Mechanical and electrical tests and visual inspections
- Produced in an ISO 9001:2008, ISO 14001:2004 facility

#### USA Headquarters

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Norcross, GA 30092  
(o) +1 404 477 2700

[www.suniva.com](http://www.suniva.com)

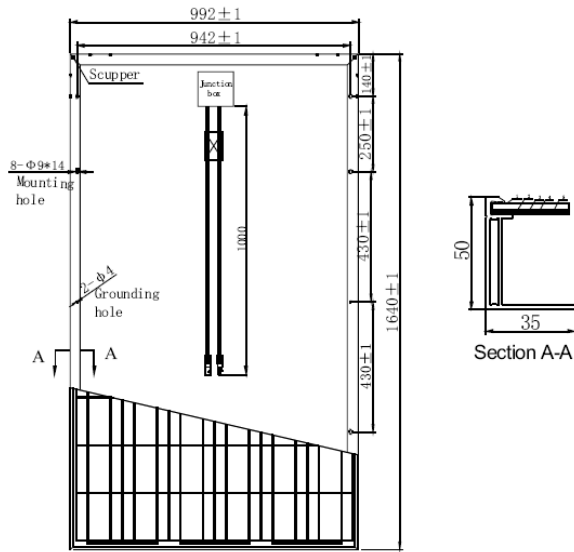
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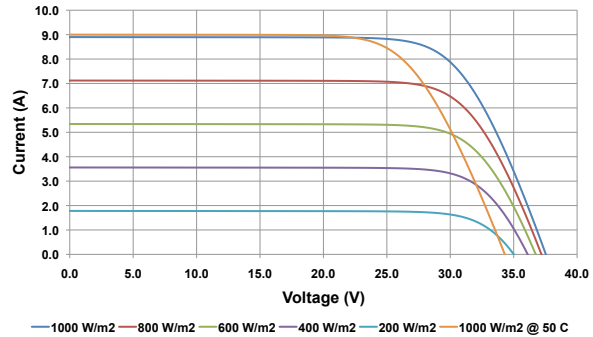
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# SUNIVA® MVP 240 MULTICRYSTALLINE SOLAR MODULES



Suniva Multicrystalline: 240 Watt, 60 Cell Solar Module  
Current-Voltage (IV) as a Function of Insolation (W/m<sup>2</sup>) and Temperature



## CHARACTERISTIC DATA

Cell	Multicrystalline Silicon solar cells 156mm * 156 mm / (6 inch)
No. of Cells	60, arranged in 6 strings of 10 cells each
Dimension of Module	1640 mm * 992 mm * 50 mm / (64.6 inch * 39.1 inch * 2.0 inch)
Weight	19.6 kg / (43.21 lbs)
Front Glass	3.2 mm / (0.125 inch) tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP65
Plug Connector	IP67
Bypass-Diodes	6 diodes (IEC) / 3 diodes (UL)
Type of Connector	MC4, MC4 compatible, MC3 compatible, 0-1394462-4/6-1394461-2
Cable Section Area	4 Sq mm / (0.0062 Sq inch)
Cable Length	2 * 1000 mm / (2 * 39.4 inch)

## TEMPERATURE COEFFICIENTS

Nominal Operating Cell Temperature (NOCT)	45 °C ± 2 °C
Short-circuit Current Temperature Coefficient	0.045%/ °C
Open-circuit voltage Temperature Coefficient	-0.34%/ °C
Peak Power Temperature Coefficient	-0.47%/ °C

## ELECTRICAL DATA

Power Classification (Max.)	230	235	240
Open Circuit Voltage (Voc)	36.75 V	37.07 V	37.54 V
Voltage at Max. Power Point	28.67 V	29.06 V	29.55 V
Short Circuit Current (Isc)	8.50 A	8.69 A	8.90 A
Current at Max Power Point	8.02 A	8.09 A	8.12 A
Operating Module Temperature	-40° C to +85° C		
Maximum System Voltage	1000 VDC(IEC) / 600 VDC (UL)		

All data is measured at STC: IRRADIANCE 1000W/m<sup>2</sup>, Module Temperature 25, AM=1.5 ; Measurement tolerance: 0~3%



Please recycle.