



Series: **SM**

## Polycrystalline Solar Panels

### FEATURES & BENEFITS

5 and 10 Watt Solar Panel Models  
High-transmission Tempered Glass  
Anodized Aluminum Frame

### APPLACATIONS

Off-grid Solar Power Systems  
Wireless Sensor Battery Charging  
Remote Site Instrument Power

### General Specifications

Frame: Clear anodized aluminum frame  
Glass: High-transmission 3.2mm tempered  
Rated Voltage (Vmp): 17.3V  
Open Circuit Voltage (Voc): 21.6V  
Temperature coefficients of Im: + 0.1 %/°C  
Temperature coefficients of Vm: - 0.38 %/°C  
Temperature Range: -40 to 175°F (±40 to 80°C)

### DESCRIPTION

High-efficiency multi-crystalline solar cells embedded in transparent vinyl acetate behind tempered glass with heavy backsheet ensuring maintenance free performance. Heavy duty corrosion-resistant anodized aluminum frame and weather-resistant junction box with pre-mounted MC cables ensuring dependable performance and easy installation or maintenance. High-Impact tempered glass to resist hail, Ice, flying debris or force wind.

Model Number	SM-5W	SM-10W
Rated Power (Wp):	5W	10W
Rated Current (Imp):	0.29A	0.58A
Short Circuit Voltage (Isc):	0.32A	0.64A
Dimensions:	11.8 x 7.5 x 1" (300 x 190 x 25mm)	14.6 x 10.6 x 1" (370 x 270 x 25mm)
Weight:	1.5 lbs (0.7 kg)	2.64 lbs (1.2 kg)

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Note: Continued product improvements make specifications subject to change without notice.  
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