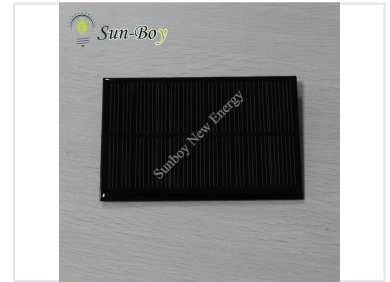


# 8V 200mA Epoxy Encapsulated Solar Panel

This epoxy solar panel converts sunlight into electricity. It has an 8V and 200mA output, and comes with pre-attached wires and a connector.



## Product Overview

### High-Efficiency Epoxy Solar Solution

This 8V 200mA solar panel features a durable monocrystalline cell structure encapsulated in protective epoxy resin on a PCB base. Designed for reliability and ease of use, it provides a stable 1.6W power output suitable for small electronic devices and DIY integration. Its compact 140x90mm footprint makes it an ideal component for low-power applications requiring weather-resistant energy harvesting.

## Electrical Specifications

### Max Output Power

**1.6 W**

Max Output Power

**8 V**

Max Power Voltage

**200 mA**

Max Power Current

### Circuit Parameters

Parameter	Value
Open Circuit Voltage (Voc)	9.6V
Short Circuit Current (Isc)	220mA

## Technical Details

Construction Materials	Monocrystalline, Epoxy Resin, PCB
Cell Efficiency	17 %
Power Tolerance	+/-3%

## Physical Dimensions

Dimensions	140 x 90 mm
Size Tolerance	-0.3 mm

## Service & Reliability

Expected Lifespan	1-2 years
Warranty Period	6 months

## Testing Standards

### Testing Conditions (STC)

- Irradiance: 1000W/m<sup>2</sup>
- Temperature: 25°C
- Air Mass: AM 1.5