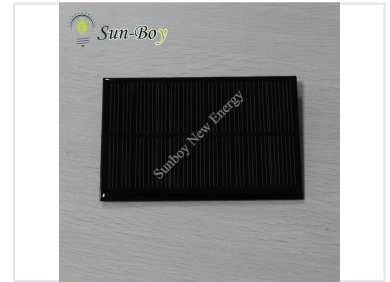


8V 200mA Epoxy Encapsulated Solar Panel

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/m²
- Temperature: 25°C
- Air Mass: AM 1.5