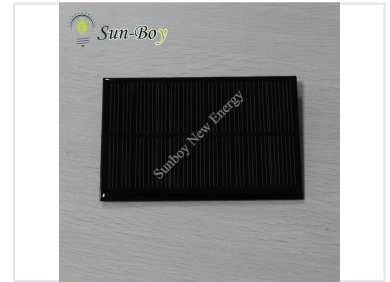


8V 200mA Epoxy Encapsulated Solar Panel

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