9V 130mA Round Epoxy Encapsulated Solar Panel

The 9V 130mA Round Epoxy Encapsulated Solar Panel is designed to generate 9V with a current of 130mA under standard test conditions. Its epoxy encapsulation ensures long-term performance and resistance to environmental factors.

Product Overview

Compact Power Solution

This round, epoxy-encapsulated solar panel is engineered for reliability in small-scale electronic applications. Featuring efficient monocrystalline cell technology, it delivers a stable 1.2W output, making it an ideal power source for DIY projects, educational kits, and compact electronic devices. The durable epoxy resin construction provides essential protection against environmental factors, ensuring consistent performance.

Electrical Specifications

Max Output Power

1.2 W	9 V	130 mA
Max Power	Voltage	Current

Circuit Parameters

Parameter	Value
Open Circuit Voltage (Voc)	10.8V
Short Circuit Current (Isc)	140mA

Technical Details

Cell Type	Monocrystalline
Efficiency	17 %
Encapsulation	Epoxy Resin + PCB

Physical Dimensions

Diameter	115 mm
Size Tolerance	-0.3mm

Operating Conditions

Standard Test Conditions

- Irradiance: 1000W/¡
- Temperature: 25°C
- Air Mass: AM 1.5

Reliability

Power Tolerance +/-3%	
Life Span	1-2 years
Warranty Period	6 months