

160W Polycrystalline Solar Panel

This polycrystalline solar panel is designed for renewable energy use. The 160W solar panel is suitable for residential, commercial and industrial applications.



ADDITIONAL IMAGES



Overview

High-Efficiency Polycrystalline Module

This 160W polycrystalline solar panel is engineered for versatile applications, including residential, commercial, and industrial power systems. Featuring a robust 36-cell configuration, it delivers reliable energy generation with a durable, weather-resistant construction. The module is built to perform in both on-grid and off-grid environments, backed by a comprehensive linear performance warranty.

Key Metrics

Performance Highlights

160 Wp

Nominal Power

16.24 %

Module Efficiency

1000 V

Max System Voltage

Electrical Data

Electrical Specifications

Parameter	Value
Maximum Power (Pmax)	160Wp
Maximum Power Voltage (Vmp)	18.79V
Maximum Power Current (Imp)	8.52A
Open Circuit Voltage (Voc)	22.86V
Short Circuit Current (Isc)	8.97A

Mechanical Data

Physical Dimensions

- Dimensions: 1470mm x 670mm x 35mm
- Cell Type: Poly 156x156mm
- Cell Orientation: 36 (4x9)

Operating Conditions

Temperature Coefficients

- Isc: +0.05%/°C
- Voc: -0.34%/°C
- Pm: -0.42%/°C
- Operating Temperature: -40°C to +85°C

Certifications & Warranty

Warranty Period

10 Year Product Warranty • 25 Year Linear Warranty

Certifications

CE, TUV, SGS, IEC, ISO