

370W Monocrystalline Solar Panel for Solar Power Systems

This 370W monocrystalline solar panel is designed for solar power systems. The module provides efficient energy conversion for residential, commercial, and industrial applications.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Monocrystalline Module

This 370W monocrystalline solar module features 120-cell half-cut technology, optimized for high power output in diverse environmental conditions including deserts, farms, and coastlines. Designed for residential, commercial, and utility-scale systems, the module delivers superior performance in weak light conditions such as haze and cloud cover. Its robust construction supports significant static loads while providing long-term reliability through advanced PID resistance and high-quality materials.

Technical Specifications

Performance Metrics (STC)

370 W Maximum Power	20.3 % Efficiency	40.9 V Open Circuit Voltage	11.49 A Short Circuit Current
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Electrical Characteristics

Parameter	STC Value
Optimum Operating Voltage (Vmp)	34.3 V
Optimum Operating Current (Imp)	10.79 A
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	20 A

Mechanical Characteristics



Professional logistics and global shipping preparation for solar module distribution.

Construction Details

- Dimensions: 1756 x 1039 x 35 mm
- Weight: 20.3 kg
- Cell Type: Monocrystalline silicon 166 mm
- Cell Configuration: 120 (6 x 20) cells
- Front Glass: 3.2 mm tempered glass
- Frame: Anodized aluminium alloy
- Junction Box: IP68 rated with 3 bypass diodes

Certifications

Safety and Quality Standards

IEC 61215, IEC 61730, CE, ISO 9001, ISO 14001, ISO 45001, SA 8000

Warranty

Standard Warranty

- 12-year product warranty
- 25-year linear performance warranty
- 98% power output in the first year
- 0.55% maximum annual degradation for years 2-25