

High-Efficiency Solar Panel

This high-efficiency solar panel is designed for energy conversion. It features a robust construction with multiple solar cells arranged in a grid pattern, ensuring optimal sunlight capture.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Monocrystalline Module

This monocrystalline solar module offers high conversion efficiency and robust mechanical stability for grid-connected systems. Engineered for durability, it features high-strength aluminum frames and is rigorously tested to withstand significant wind and snow loads. Each unit undergoes strict quality control to ensure defect-free performance and reliable long-term power output.

Performance Metrics

Featured Performance

17.8 %

Module Conversion Efficiency

290 W

Maximum Power (STC)

39.6 V

Open Circuit Voltage

9.27 A

Short Circuit Current

Physical Specifications

Dimensions and Weight

Attribute	Value
Module Dimensions	1640 x 992 x 35 mm
Weight	19.0 kg
Cell Size	156.75 x 156.75 mm
Cell Configuration	60 (6x10)

Certifications and Warranty

Warranties and Standards

ISO 9001 Certified, 10-year Product Warranty, 25-year Linear Power Warranty

Environmental Durability

Load Resistance

- Wind Load Resistance: 2400 Pa
- Snow Load Resistance: 5400 Pa
- Operating Temperature Range: -40 to +85°C