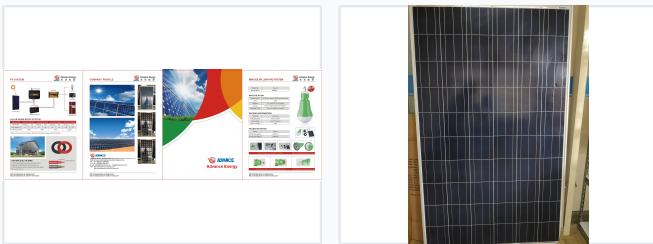


# High-Efficiency Solar Panel

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

<b>17.8 %</b> Module Conversion Efficiency	<b>290 W</b> Maximum Power (STC)	<b>39.6 V</b> Open Circuit Voltage	<b>9.27 A</b> Short Circuit Current
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## 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
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## Environmental Durability

### Load Resistance

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