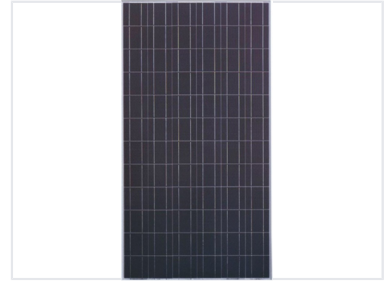


280W Monocrystalline Solar Panel

This monocrystalline solar panel provides up to 280W maximum power. It features high conversion efficiency and stability with guaranteed +/-3% power.



Overview

High-Efficiency 280W Monocrystalline Solar Panel

This 280W monocrystalline solar panel is engineered for optimal power generation and long-lasting performance across diverse environmental conditions. Designed for residential, commercial, and industrial applications, it features a robust frame and high-transparency glass for enhanced light capture. With a focus on reliability and maximum power output, this panel is a versatile solution for professional energy projects.

Performance Metrics

Key Performance Metrics (at STC)

280 Wp

Maximum Power (Pmax)

44 V

Open-Circuit Voltage (Voc)

8.58 A

Short-Circuit Current (Isc)

Technical Specifications

Electrical Characteristics Comparison

Model	Pmax (Wp)	Voc (V)	Vmp (V)	Isc (A)	Imp (A)
SR-156P-240	240	43	34.1	7.86	7.04
SR-156P-250	250	43.3	34.4	8.05	7.27
SR-156P-260	260	43.5	34.7	8.21	7.5
SR-156P-270	270	43.7	35	8.4	7.72
SR-156P-280	280	44	35.3	8.58	7.94

Operational Limits

Operating Conditions

- Operating Temperature: -40°C to +85°C
- Maximum System Voltage: 1000V DC
- Series Fuse Rating: 20A

Quality & Standards

Power Tolerance

±3%