

Monocrystalline Solar Panel with Black Frame

This monocrystalline solar panel features a black frame and backsheet for seamless integration. It is engineered to withstand harsh weather conditions, including heavy snow and coastal environments.



Overview

High-Efficiency Black Monocrystalline Module

This monocrystalline solar module features a sleek, all-black aesthetic designed to integrate seamlessly with modern roofing styles. Engineered for high performance, it utilizes world-class A-class solar cells to deliver stable power output with a 3% positive power tolerance. Built for durability, these panels withstand harsh environmental conditions, including heavy snow and high wind loads, making them an ideal choice for residential and commercial installations.

Performance Metrics

Rated Power

205 W

Max Power

16.06 %

Efficiency

Power Tolerance

+3%

Mechanical Specifications

Available Frame Thickness

- 35mm (Lightweight/Easy Install)
- 50mm (High Strength/Safety)

Design Aesthetics

All-Black Design, Black Backsheet, Black Frame

Durability & Testing

Mechanical Load Capacity

Load Type	Capacity
Snow Load	5400 Pa
Wind Load	2400 Pa

Environmental Resistance

Salt Mist Corrosion Resistant • High Humidity Compatible

Warranty & Support

Warranty Period

10 Years

Warranty Coverage

Covers defects in materials and workmanship under normal application, installation, and service conditions.