

Mono Crystalline High-Efficiency Solar Panel

This mono crystalline solar cell features high efficiency for optimal energy conversion. The high-quality tempered glass and junction box with pure copper wire enhance its durability and performance.



Product Overview

High-Efficiency Solar Power Generation

This monocrystalline solar panel is engineered for optimal energy conversion, utilizing high-quality crystalline silicon cells for superior performance under direct sunlight. The module features a robust, weather-resistant construction including ultra-white tempered glass and a durable aluminum alloy frame. Designed for longevity and reliability, it incorporates advanced protective components to ensure consistent power output and system safety over its lifespan.

Technical Specifications

Cell Technology	Monocrystalline Silicon
Glass Transmittance	91 %
Key Features	High Efficiency, Anti-aging, Waterproof, Insulated

Construction & Materials

Module Composition

- Ultra-white tempered glass
- EVA bonding layer
- Crystalline silicon solar cells
- TPT/TPE backboard
- Aluminum alloy frame
- Junction box with diode protection
- Silicone sealant

Safety & Protection

- Junction box short-circuit protection
- Anti-aging backboard materials
- Weather-resistant silicone sealing
- Durable aluminum alloy support frame

Performance Metrics

Backboard Warranty

25 Years

Warranty Period