

# 490W Monocrystalline Solar Panel

This monocrystalline solar panel provides a 490W power output. It features 96 solar cells and a 20.6% cell efficiency for optimal energy conversion and long-term reliability.



## Product Overview

### High-Efficiency Monocrystalline Module

This 490W monocrystalline solar module is engineered for high-performance energy conversion using Grade A silicon cells. Designed for durability, the unit features toughened, low-iron tempered glass and a robust anodized aluminum alloy frame capable of withstanding harsh weather conditions like strong winds and hail. The module comes fully equipped with MC4 connectors and a waterproof junction box for reliable, long-term operation.

## Performance Metrics

### Maximum Power

**490 Wp**

Max Power

### Module Efficiency

19 %

## Technical Specifications

### Number of Cells

96

### Dimensions

1956 x 1310 x 40 mm

### Cell Material

Monocrystalline Silicon

## Construction & Durability

### Junction Box Rating

IP65 Waterproof

### EVA Characteristics

- Anti-aging
- High viscosity
- Degree of crosslinking above 85%

### Glass Specifications

3.2mm High transmission rate, low iron tempered glass

### Backsheet

High frame resistant & Double-sided fluorine TPT