

# 480W Monocrystalline Solar Panel

This monocrystalline solar panel offers 480W of power for renewable energy solutions. The panel features 96 cells with a 19.8% cell efficiency, ideal for solar photovoltaic systems.



## Overview

### High-Efficiency Monocrystalline Module

This 480W monocrystalline solar module is engineered with high-efficiency silicon cells, individually characterized and electronically matched for optimal performance. Encased in a durable anodized aluminum alloy frame with toughened glass, it is built to withstand harsh environmental conditions including strong winds and hail. Designed for reliability and longevity, this module features a high-transmission, low-iron tempered glass surface and robust IP65-rated junction box connectivity.

## Performance Metrics

### Maximum Power

**480 Wp**

Max Power

**19 %**

Module Efficiency

## Technical Specifications

### Cell Grade

Grade A

### Number of Cells

96

### Dimensions

1956 x 1310 x 40 mm

### Cell Material

Monocrystalline Silicon

## Construction & Durability

### Construction Materials

- 3.2mm High transmission, low iron tempered glass
- Anti-aging & high viscosity EVA (crosslinking > 85%)
- Double-sided fluorine TPT back sheet
- Anodized aluminum alloy frame

### Junction Box Rating

IP65 Waterproof

## Logistics

### Place of Origin

Zhejiang, China