

330W Polycrystalline Solar Panel Module

This high-efficiency solar PV module utilizes polycrystalline solar cells for optimal energy conversion. The solar panel is certified by TUV, ensuring it meets stringent quality and safety standards.



Overview

High-Efficiency Polycrystalline Module

This 330W polycrystalline solar panel module is engineered for reliable performance in residential, commercial, and industrial photovoltaic applications. Built with high-quality raw materials, it features a robust aluminum alloy frame and tempered glass cover to withstand demanding environmental conditions. The module is backed by a 12-year product warranty and a 25-year peak efficiency guarantee, ensuring long-term value and energy production.

Certifications

TUV, CE, CEC, ISO

Performance Metrics

Rated Power (Pmax)

330 W

Rated Power

19.21 %

Cell Efficiency

17.01 %

Module Efficiency

Electrical Parameters

Parameter	Value
Max Power Voltage (Vmp)	38.20 V
Max Power Current (Imp)	8.64 A
Open Circuit Voltage (Voc)	45.84 V
Short Circuit Current (Isc)	9.07 A

Construction & Materials

Dimensions & Weight

- Size: 1956 x 992 x 35 mm
- Weight: 20.3 kg

Build Materials

- Cell Type: Poly solar cells
- Front Cover: 3.2 mm tempered glass
- Back Cover: TPT (Tedlar-PET-Tedlar)
- Encapsulant: EVA
- Frame: Aluminium alloy

Operating Conditions

Environmental Limits

- Operating Temperature: -40°C to +85°C
- Max System Voltage: 1500V DC
- Max Wind/Snow Load: 2400 Pa
- Max Series Fuse Rating: 15A

Warranty & Support

Warranty Coverage

12-Year Product Warranty • 25-Year Peak Efficiency Warranty • Free Replacement for Quality Issues