

# 295W Polycrystalline Solar Panels for Home Use

These 295W polycrystalline solar panels are designed for residential solar systems. The panels offer reliable performance and durability for converting sunlight into electricity.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Solar Power for Home Use

These polycrystalline solar modules offer a reliable and sustainable solution for residential energy needs. Designed to maximize energy production even in weak light conditions, such as haze or cloudy weather, these panels ensure consistent performance. With a robust build capable of withstanding harsh environmental conditions, these modules are an ideal choice for grid-tied and off-grid residential solar systems.

## Electrical Performance

### Featured Performance Metrics

**295 W**

Maximum Power (Pmax)

**32.5 V**

Optimum Operating Voltage

**9.08 A**

Optimum Operating Current

**17.5 %**

Module Efficiency

### STC Electrical Data

Parameter	Value
Open Circuit Voltage (Voc)	39.2 V
Short Circuit Current (Isc)	9.55 A
Power Tolerance	0/+5 W
Max System Voltage	1000/1500 V DC

## Mechanical Characteristics



Efficient global distribution and secure packaging for residential solar systems.

### Mechanical Specifications

- Dimensions: 1684 x 1002 x 35 mm
- Weight: 19.0 kg
- Cell Type: Polycrystalline silicon 6 inches
- No. of Cells: 120 (6 x 20)
- Front Glass: 3.2 mm tempered glass
- Frame Material: Anodized aluminium alloy
- Junction Box Rating: IP68 (3 bypass diodes)

## Quality and Compliance

### International Certifications

ISO 9001, ISO 14001, IEC 61215, IEC 61730, CE, TUV NORD