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	32.5 V	9.08 A	17.5 %
Maximum Power (Pmax)	Optimum Operating Voltage	Optimum Operating Current	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