

# 300W Polycrystalline Solar Panels for Home Use

These polycrystalline solar panels are designed for home solar systems. The 300W panels provide a reliable renewable energy solution for residential use.



## ADDITIONAL IMAGES

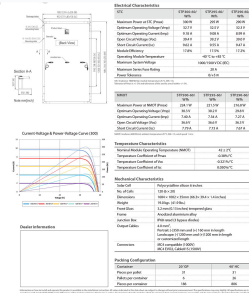


## Product Overview

### High-Efficiency Solar Power Solution

These 300W polycrystalline solar panels are engineered for optimal energy conversion and reliability in residential solar systems. With advanced half-cell technology and excellent weak-light performance, these modules deliver consistent power even in cloudy or hazy conditions. Built to withstand harsh environmental stressors, they offer a durable and long-term renewable energy solution for your home or project.

## Technical Specifications



Detailed technical layout including dimensions, mounting slots, and drainage points.

## Electrical Characteristics (STC)

Parameter	300W Model	295W Model	290W Model
Max Power (Pmax)	300 W	295 W	290 W
Optimum Voltage (Vmp)	32.7 V	32.5 V	32.3 V
Optimum Current (Imp)	9.18 A	9.08 A	8.99 A
Open Circuit Voltage (Voc)	39.4 V	39.2 V	39.0 V
Short Circuit Current (Isc)	9.62 A	9.55 A	9.47 A

## Mechanical Dimensions

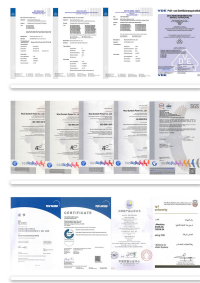
**1684 mm**  
Length

**1002 mm**  
Width

**35 mm**  
Frame Thickness

**19 kg**  
Weight

## Certifications & Warranty



International certifications ensuring safety, environmental management, and performance standards.

### Warranty Period

- 12-year product warranty
- 25-year linear performance warranty
- 97.5% power output in first year
- 80.7% power output at year 25

### Compliance & Certifications

IEC 61215, IEC 61730, CE, ISO 9001, ISO 14001, ISO 45001

## Environmental Durability

### Static Load Capacity

- Front side: 5400 Pascal
- Rear side: 3800 Pascal