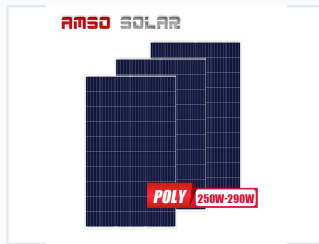
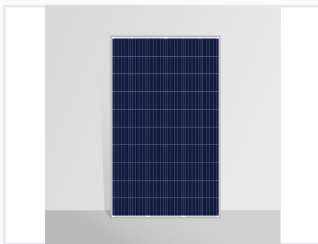


# 250W-290W Polycrystalline Solar Panel

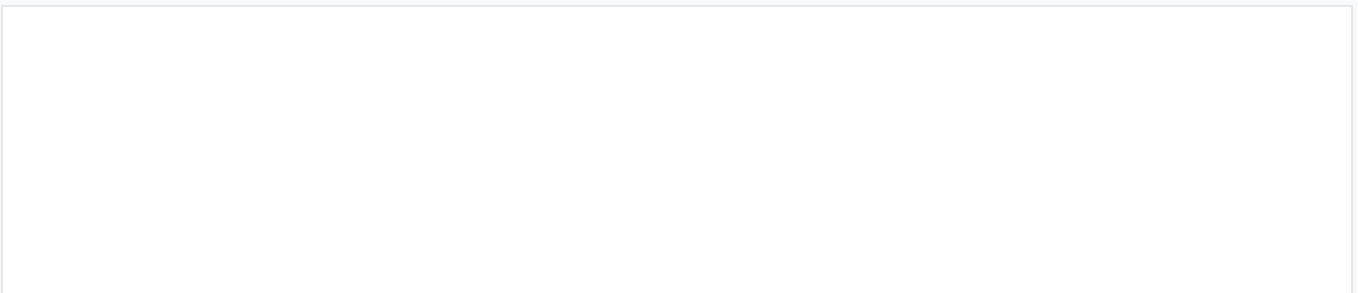
This polycrystalline solar panel contains 60 solar cells within a standard size. It has mature production techniques and is suitable for various applications.



## ADDITIONAL IMAGES



## Overview



Standard 60-cell configuration designed for high-reliability residential and commercial solar arrays.

### High-Efficiency Polycrystalline Solution

This 60-cell polycrystalline solar panel series offers a reliable power output ranging from 250W to 290W, specifically engineered for both residential and commercial applications. Utilizing standard production processes, these modules ensure consistent quality and compatibility across various solar installations. With a focus on durability and performance, these panels are ideal for both grid-tied and off-grid systems seeking a mature and cost-effective energy solution.

## Performance Highlights

### Key Performance Metrics

<b>290 W</b> Max Power Output	<b>60</b> Cell Count	<b>20.37 %</b> Max Efficiency
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## Technical Specifications

### Module Features

- 5 Busbar solar cell design for improved efficiency
- High transmissivity, low-iron tempered glass
- High stability aluminum frame
- Advanced glass and cell surface texturing for low-light performance
- High quality junction box and connector systems

### Cell Technology

Polycrystalline

## Environmental Resilience

### Mechanical Load Capacity

Load Type	Pressure
Wind Load	2400 Pascal
Snow Load	5400 Pascal

### Operating Temperature Range

-40°C to +85°C

### Environmental Resistance

Salt Mist Resistant, Ammonia Resistant, TUV NORD Certified

## Electrical Ratings

### Temperature Coefficients

Parameter	Value
P <sub>MAX</sub> Coefficient	-0.37%/°C
V <sub>OC</sub> Coefficient	-0.29%/°C
I <sub>SC</sub> Coefficient	0.05%/°C
NMOT	41±3°C

### Max System Voltage

1500 VDC

## Warranty & Reliability

### Warranty Coverage

- 12-year product workmanship warranty
- 25-year linear power output warranty
- 100% inspection guaranteed

## Logistics

### Compliance Badges

CE • TÜV SÜD • SGS • ISO • IEC • PV CYCLE

### Container Loading (40'GP)

696 pcs