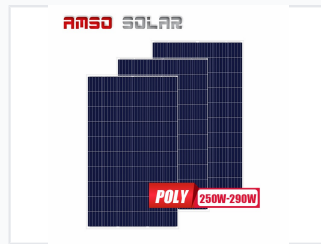
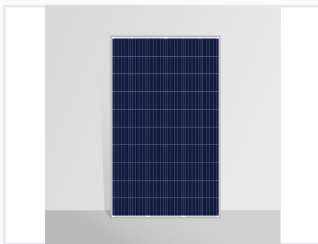


250W-290W Polycrystalline Solar Panel

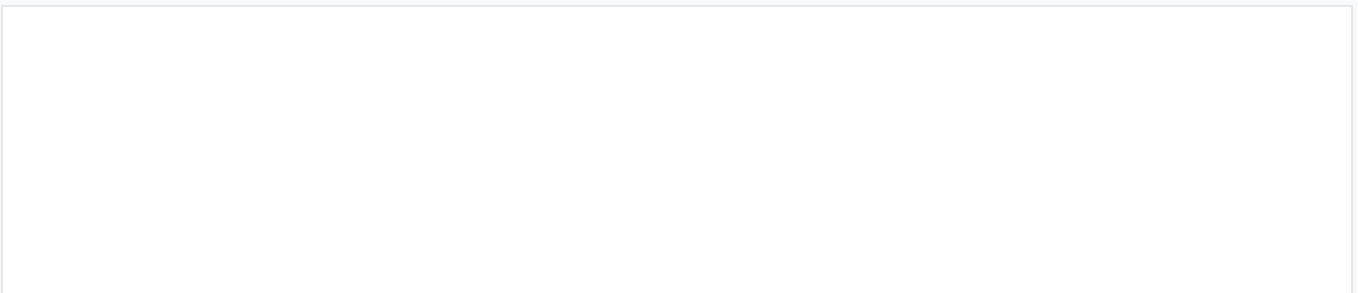
This polycrystalline solar panel contains 60 solar cells within a standard size. It has mature production techniques and is suitable for various applications.



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

| | | |
|----------------------------------|-------------------------|----------------------------------|
| 290 W Max Power Output | 60 Cell Count | 20.37 % Max Efficiency |
|----------------------------------|-------------------------|----------------------------------|

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 _{MAX} Coefficient | -0.37%/°C |
| V _{OC} Coefficient | -0.29%/°C |
| I _{SC} 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