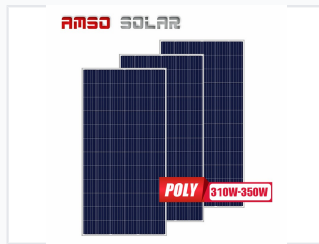
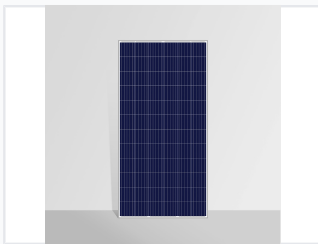


72-Cell Polycrystalline Solar Panel, 310W-350W

This polycrystalline solar panel features 72 solar cells and provides a power output of 310W to 350W. It is designed for durability and optimal performance in various environmental conditions.



ADDITIONAL IMAGES



Overview

Key advantages including 5-busbar technology, low-light performance, and extreme weather resilience.

High-Efficiency 72-Cell Polycrystalline Solutions

These standard-sized 72-cell polycrystalline solar panels are designed for reliable energy conversion in residential, commercial, and industrial applications. Utilizing mature production techniques and 5-busbar technology, they offer a balance of high efficiency and aesthetic appeal suitable for rooftop installations. Engineered for durability, these modules are built to withstand extreme weather conditions while maintaining excellent performance in low-light environments.

Performance Highlights

Key Performance Metrics

350 W

Max Power Output

20.37 %

Max Module Efficiency

1500 VDC

Max System Voltage

Technical Specifications

The screenshot displays the RASO SOLAR technical specifications for the 72-cell series. It includes sections for 'Standard Electrical Parameters', 'Polycrystalline Electrical Parameters', 'Temperature Rating', 'Mechanical Rating', 'Mounting', and 'Shipping Information'. The 'Standard Electrical Parameters' table lists models AS310P-72, AS320P-72, AS330P-72, AS340P-72, and AS350P-72 with their respective power, Vmp, Imp, and Voc values. The 'Polycrystalline Electrical Parameters' table provides similar data for the same models. The 'Temperature Rating' section specifies operating and storage temperature ranges. The 'Mechanical Rating' section lists wind and snow load capacities. The 'Mounting' section provides details on mounting brackets and dimensions. The 'Shipping Information' section lists the number of pieces per container and pallet.

Detailed electrical parameters, temperature ratings, and mechanical dimensions for the 72-cell series.

Polycrystalline Electrical Data (STC)

Model	Power (W)	Vmp (V)	Imp (A)	Voc (V)
AS310P-72	310	36.4	8.52	45.2
AS320P-72	320	36.8	8.7	45.8
AS330P-72	330	37.4	8.83	46.2
AS340P-72	340	37.7	9.02	46.5
AS350P-72	350	38.3	9.14	46.8

Physical Characteristics

Dimensions	1956 x 992 x 40 mm
Weight	20.5 kg
Number of Cells	72

Durability & Environment

Mechanical Load Capacity

- Wind Load: 2400 Pascal
- Snow Load: 5400 Pascal

Operating Temperature Range	-40 to +85°C
Environmental Certifications	Salt Mist Resistant, Ammonia Resistance, TUV NORD Certified, UL Certified, IEC 1500V

Warranty

Warranty Coverage

- 12-Year Product Workmanship Warranty
- 25-Year Linear Power Warranty

Logistics

40'GP Container Configuration	696 pieces (24 pallets)
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