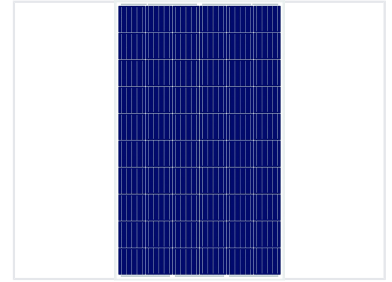
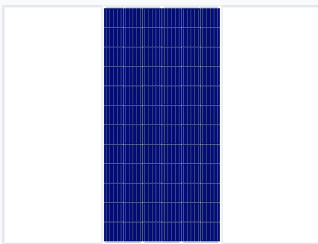


High Efficiency Polycrystalline Solar Panel

This polycrystalline solar panel features optimized BOM management for reliable and stable performance. It has passed third-party tests for resistance to salt spray, ammonia, sand, and dust, making it applicable to various scenarios.



ADDITIONAL IMAGES



Overview

High-Efficiency Solar Performance

This high-efficiency polycrystalline solar module is engineered for optimal energy conversion and long-term reliability. Designed to withstand harsh environmental conditions, it features advanced anti-reflection technology and robust construction suitable for residential, commercial, and industrial installations. With extremely low power degradation and rigorous quality control, this module ensures consistent power output for grid-tied and off-grid solar power systems.

Mechanical Specifications

High Efficiency Polycrystalline Solar Module
J.MP72-60-500L

GENERAL INFORMATION

Model	J.MP72-60-500L
Power (W)	500
Dimensions (mm)	1979 x 996 x 35
Weight (kg)	21.2
Cell Type	Polycrystalline
Cell Size (mm)	158.75 x 158.75
Cells per Module	72
Warranty	10 Years

MECHANICAL SPECIFICATIONS

Max. Wind Load (Pa)	2400
Max. Snow Load (Pa)	5400
Max. Tilt Angle (°)	30
Max. Cable Length (m)	10
Max. Cable Tension (N)	100

ELECTRICAL SPECIFICATIONS

Max. Power (W)	500
Max. Voltage (V)	48.0
Max. Current (A)	10.4
Open Circuit Voltage (V)	58.0
Short Circuit Current (A)	11.5
Temperature Coefficient (1/°C)	-0.45

Detailed mechanical and electrical specifications for the 72-cell module series.

Load Capacity

2400 Pa

Max Wind Load

5400 Pa

Max Snow Load

Module Dimensions

1979mm x 996mm x 35mm

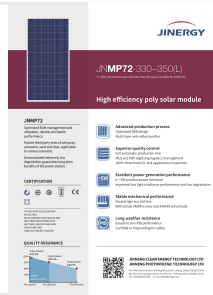
Weight

21.2 kg

Cell Type

158.75mm x 158.75mm Polycrystalline

Environmental & Safety



Quality assurance standards and long-term performance degradation guarantees.

Certifications & Ratings

IP68 Junction Box, Class C Fire Rating, Anti-PID, Salt Spray Resistant, Ammonia Resistant

Operating Temperature Range

-40°C to +85°C

Electrical Performance

Power Tolerance

0~+5W

Temperature Coefficients

Parameter	Value
NMOT	45±2°C
Voltage (Voc)	-0.31%/°C
Current (Isc)	0.05%/°C
Power (Pm)	-0.41%/°C

Power Output Range (STC)

330W - 350W

Module Efficiency

16.7% - 17.8%