

# 40W-350W Polycrystalline Solar Panels

These polycrystalline solar panels range from 40W to 350W. They are designed for efficient energy conversion and durable construction, making them ideal for industry lighting applications.



## Product Overview

**Bright**  
STREET LIGHT

MORE THAN  
**12 YEARS EXPERIENCE**

- UN and NGO supplier
- Products applied in more than 114 countries

With over 12 years of experience, these panels are applied in more than 114 countries for professional lighting projects.

## High-Efficiency Polycrystalline Solar Solutions

Our polycrystalline solar panels range from 40W to 350W, designed specifically for industrial lighting and sustainable power systems. These panels feature high-efficiency solar cells protected by low-iron tempered glass and an anti-aging EVA layer for maximum durability. With a proven track record in over 114 countries, they provide a reliable energy source for street lighting, home systems, and large-scale industrial applications.

## Technical Performance

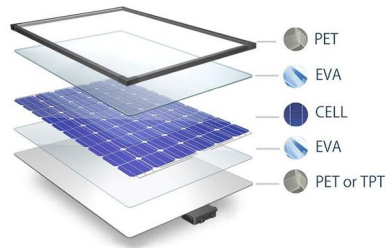
### Power Output Range

<b>40 W</b> Minimum Power	<b>350 W</b> Maximum Power
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### Expected Lifespan

25 years

## Construction & Materials



Multi-layer construction including PET, EVA, and high-efficiency cells for maximum durability.

### Panel Layer Composition

- Low iron tempered glass
- Anti-aging EVA (Ethylene Vinyl Acetate)
- High-efficiency polycrystalline solar cells
- High flame resistance TPT/BBT backsheet
- Anodized aluminum alloy frame

### Frame Color Options

Silver, Black

## Protection & Reliability



Features an IP67 rated junction box and anodized aluminum alloy frame for a 20-25 year lifespan.

### Integrated Protections

- Over-Voltage protection
- Short circuit protection
- Reverse connection protection
- Thermal breakdown prevention

### Junction Box Rating

IP67 Rated MC4 Junction Box

## Compliance & Standards

### Quality Certifications

ISO 9001 • CE • EN • RoHS • IEC • FCC • TUV • Soncap CCC • AAA

## Logistics & Service



Secure packaging ensures safe delivery for international shipping and large-scale projects.

### Order Lead Times

Order Type	Lead Time
Sample Order	3-5 days
Mass Production (>1 Container)	1-2 weeks

### Sample Policy

Yes