

# 540W Polycrystalline Solar Panel with 10BB 72 Cells

This polycrystalline solar panel uses Grade A+ solar cells, each with a complete IV curve. It has high safety and a long lifespan, with a conversion efficiency of more than 19.5%.



## Product Overview

Successful solar power station projects from "QIXING"



Versatile application suitable for residential and commercial projects.

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High power density design optimized for utility-scale deployments.

## High-Efficiency 540W Solar Panel

This 540W solar panel utilizes 72 Grade A+ cells with advanced 10-busbar (10BB) technology to maximize current collection and minimize internal heat loss. Designed for superior energy conversion, it delivers an efficiency rate exceeding 19.5% and features half-piece PERC film technology. Built to withstand extreme conditions, these panels are certified for significant wind and snow loads, ensuring long-term reliability for both residential and commercial installations.

## Technical Specifications

**JX540M10-72D-10BB**  
单晶硅半片单玻十栅组件  
Monocrystalline silicon half piece single glass ten grid assembly



**产品特点** Product characteristics

-  **十栅单片组件** Ten-grid single piece  
采用十栅单片组件，有效提升发电效率，降低组件衰减率，提高发电稳定性。  
Using ten-grid single piece components, effectively improving power generation efficiency, reducing component degradation rate, and improving power generation stability.
-  **强韧性佳** Best toughness  
通过半片切割技术，有效降低组件热斑风险，提升组件抗冲击性能，确保长期稳定运行。  
Through half-piece cutting technology, effectively reducing the risk of hot spots in components, improving the impact resistance of components, and ensuring long-term stable operation.
-  **高转换效率** High efficiency  
采用半片切割技术，降低组件内部电阻，提升组件发电效率，确保长期稳定运行。  
Using half-piece cutting technology, reducing the internal resistance of components, improving the power generation efficiency of components, and ensuring long-term stable operation.
-  **抗电晕** Anti-arc  
采用抗电晕材料，有效防止电晕放电，提升组件安全性。  
Using anti-arc materials, effectively preventing arc discharge, and improving the safety of components.
-  **IP67防护等级** IP67 protection level  
采用IP67防护等级，有效防止雨水、灰尘等侵入，提升组件耐用性。  
Using IP67 protection level, effectively preventing rain, dust, etc. from entering, and improving the durability of components.

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Detailed performance characteristics and durability ratings.

Maximum Power Output	540 W
Cell Count	72
Busbar Configuration	10BB
Conversion Efficiency	19.5 %

## Durability and Standards

### Load Capacity

**2400 Pa**

Wind Load

**5400 Pa**

Snow Load

### Key Features

PID Resistant, Half-cut Technology, PERC Film, Low Light Performance

## Warranty

### Warranty Terms

- 10 years quality assurance of material process
- 25 years linear power output warranty