

# 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 improve the power generation efficiency, reduce the component degradation rate, and improve the power generation stability.
-  **强韧性佳** Best toughness  
通过半片切割技术，降低组件内部应力，防止组件因热胀冷缩而产生裂纹，提高组件的使用寿命。  
Through the half-piece cutting technology, reduce the internal stress of the component, prevent the component from cracking due to thermal expansion and contraction, and improve the service life of the component.
-  **高功率密度** High power density  
采用半片切割技术，降低组件内部应力，提高组件的功率密度，提升发电效率。  
Using the half-piece cutting technology, reduce the internal stress of the component, improve the power density of the component, and improve the power generation efficiency.
-  **抗电晕** Anti-arc  
通过特殊的抗电晕设计，防止组件在高压电场下产生电晕放电，提高组件的可靠性。  
Through the special anti-arc design, prevent the component from producing corona discharge in a high-voltage electric field, and improve the reliability of the component.
-  **IPF 认证** IPF certification  
通过IPF认证，证明组件符合IPF标准，具有良好的耐候性和可靠性。  
Through IPF certification, it proves that the component meets the IPF standard, has good weather resistance and reliability.

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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