

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



产品特性 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** Better strength
通过半片切割技术，降低组件内部应力，防止组件开裂，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, and improve the service life of the component.
-  **高转换效率** High efficiency
采用半片切割技术，降低组件内部应力，提高发电效率。
Using the half-piece cutting technology, reduce the internal stress of the component, and improve the power generation efficiency.
-  **抗电晕** Anti corona
采用抗电晕材料，防止电晕放电，提高组件的使用寿命。
Using anti-corona material, prevent corona discharge, and improve the service life of the component.
-  **IP67防护等级** IP67 protection level
组件具有IP67防护等级，能够有效防止雨水和灰尘的侵入，确保组件在恶劣天气条件下仍能正常工作。
The component has an IP67 protection level, which can effectively prevent rain and dust from entering, ensuring that the component can still work normally in bad weather conditions.

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