

550W Polycrystalline Solar Panel with 10BB Technology

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



Product Overview



High-Efficiency 550W Solar Module

This 550W polycrystalline solar panel utilizes advanced 10-busbar (10BB) technology to optimize current collection and minimize internal heat loss. Designed for superior reliability, the module features high-performance solar cells that deliver conversion efficiencies exceeding 19.5%. Built to withstand rigorous environmental conditions, it is an ideal solution for residential, commercial, and utility-scale solar installations.

Technical Specifications

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



产品特性 Product Characteristics

-  **单晶高效半片电池** Mono-crystalline high efficiency half-cell
采用单晶半片电池，有效提升发电效率，降低组件衰减率，提升发电稳定性。
Using mono-crystalline half-cell technology, effectively improving the power generation efficiency, reducing the component degradation rate, and improving the power generation stability.
-  **组件性能提升** Component performance improvement
通过优化半片电池封装工艺，提升组件发电效率，降低组件衰减率，提升发电稳定性。
Through the optimization of the half-cell packaging process, the power generation efficiency of the component is improved, the component degradation rate is reduced, and the power generation stability is improved.
-  **高栅比技术** High grid ratio technology
采用高栅比技术，提升组件发电效率，降低组件衰减率，提升发电稳定性。
Using high grid ratio technology, the power generation efficiency of the component is improved, the component degradation rate is reduced, and the power generation stability is improved.
-  **组件寿命长** Long component life
采用高品质材料，提升组件发电效率，降低组件衰减率，提升发电稳定性。
Using high-quality materials, the power generation efficiency of the component is improved, the component degradation rate is reduced, and the power generation stability is improved.
-  **组件安全性高** High component safety
采用高品质材料，提升组件发电效率，降低组件衰减率，提升发电稳定性。
Using high-quality materials, the power generation efficiency of the component is improved, the component degradation rate is reduced, and the power generation stability is improved.

Maximum Power	550 W
Cell Count	72
Conversion Efficiency	19.5 %
Busbar Technology	10BB (10 Busbar)

Durability & Standards

Successful solar power station projects from "QIXING"



Load Capacity

2400 Pa

Wind Load

5400 Pa

Snow Load

Warranty Terms

- 10-year quality assurance on material and processing
- 25-year linear performance warranty

Key Features & Resistance

PID Resistance, PERC Technology, Grade A+ Cells, Half-cut Cell Design