

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 Features

-  **单晶硅半片单玻十栅组件**
采用单晶硅半片单玻十栅组件，具有更高的转换效率和更长的使用寿命。
Using monocrystalline silicon half-cell single glass ten-grid assembly, it has higher conversion efficiency and longer service life.
-  **组件性能提升**
通过优化栅线设计和降低栅线电阻，提高组件的输出功率。
Through optimizing the grid line design and reducing the grid line resistance, the output power of the component is improved.
-  **高功率输出**
采用高功率单晶太阳能电池，提升组件的输出功率。
Using high-power monocrystalline solar cells, the output power of the component is improved.
-  **组件效率提升**
通过优化栅线设计和降低栅线电阻，提高组件的输出功率。
Through optimizing the grid line design and reducing the grid line resistance, the output power of the component is improved.
-  **组件效率提升**
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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