

530-550W P-Type 72 Half Cell Solar Panel

This high-efficiency P-Type 72 half-cell module is designed for renewable energy power generation. It offers a power output ranging from 530W to 550W, making it ideal for large-scale solar installations and residential applications.



Overview

High-Efficiency P-Type Solar Module

This 530-550W P-Type 72 Half Cell solar panel is engineered for high-performance renewable energy generation. Featuring a robust Mono PERC design with 144 half-cells, it is optimized to reduce resistance and mitigate the impact of shading. This module is an ideal solution for large-scale solar installations requiring reliable and sustainable power output.

Performance Metrics

Power Output

530 W

Minimum Power

550 W

Maximum Power

Technical Specifications

Cell Configuration	144 cells (6x20 array)
Cell Technology	Mono PERC, Half-Cell, P-Type
Cell Dimensions	166 x 166 mm

Physical Characteristics

Dimensions	1756 x 1039 x 30 mm
Weight	21 kg

Construction

Front Glass

- 3.2mm thickness
- Anti-Reflection Coating
- High Transmission
- Low Iron
- Tempered Glass

Frame Material

Anodized Aluminium Alloy

Electrical Connectivity

Junction Box Rating

IP68

Output Cables

Specification	Details
Cable Type	TUV 1x4.0mm ²
Positive Cable Length	290mm
Negative Cable Length	145mm