

435-455W P-Type 72 Half Cell Solar Module

This high-efficiency P-Type 72 Half Cell Module is designed for renewable energy power generation. The module features advanced cell technology to maximize power output within a standard footprint and is ideal for residential, commercial, and utility-scale solar installations.



Overview

High-Efficiency Solar Solution

This P-Type 72 Half Cell Solar Module is engineered for high-performance renewable energy generation across residential, commercial, and utility-scale installations. Utilizing advanced Mono PERC technology, it maximizes power output within a standard footprint while ensuring long-term reliability. The half-cell design enhances efficiency and performance even in challenging environmental conditions.

Performance Metrics

Power Output Range

435 W

Min Power

455 W

Max Power

Cell Technology

Cell Type	Mono PERC 166×166mm
Cell Configuration	144 (6×20) Half Cells

Physical Construction

Dimensions	1756×1039×30mm
Weight	21 kg
Frame Material	Anodized Aluminium Alloy

Glass & Protection

Front Glass Features

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

Electrical & Connectivity

Junction Box Rating

IP68 Rated

Output Cables

Component	Specification
Cable Type	TUV 1×4.0mm ²
Positive (+)	290mm
Negative (-)	145mm

Compliance

Standard Compliance

TUV, IP68