

435-455W Bifacial Solar Panel with Dual Glass

This bifacial solar panel has a power output of 435-455W. Its dual glass construction and half-cut cell technology ensure enhanced performance and durability.



Overview

High-Efficiency Bifacial Solar Solution

This bifacial solar module utilizes P-type 72 half-cut cells and a dual glass construction to deliver a power output ranging from 435W to 455W. The innovative bifacial design captures sunlight from both sides, significantly enhancing overall energy yield compared to traditional panels. Engineered for durability, the dual glass structure ensures long-term performance and reliability across diverse environmental conditions.

Performance Highlights

Power Output Range

435 W

Minimum Power

455 W

Maximum Power

Cell Technology

Cell Specifications

Property	Detail
Cell Type	Mono PERC
Cell Size	166 x 166mm
Cell Arrangement	144 (6 x 24) half-cells

Mechanical Construction

Glass Features

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

Physical Dimensions	1756 x 1039 x 30 mm (69.13 x 40.91 x 1.18 inch)
Module Weight	21 kg
Frame Type	Anodized Aluminium Alloy

Electrical & Protection

Junction Box Rating

IP68 Rated

Output Cables

TUV 1x4.0mm²; (+): 290mm, (-): 145mm or customized length

Certifications

Standards & Compliance

TUV, Bifacial, Dual Glass, Mono PERC