

525-545W Bifacial Solar Panel with Transparent Backsheet

This bifacial solar panel has a power output of 525-545W. Its transparent backsheet and half-cut cell technology ensures better light trapping, current collection, and increased power output.



Overview

High-Efficiency Bifacial Module

This bifacial solar module is engineered to deliver a power output ranging from 525W to 545W, utilizing advanced P-type 72 half-cut cell technology. By capturing energy from both the front and rear surfaces, the module significantly enhances overall power generation. The inclusion of a transparent backsheet further optimizes light absorption, making this an ideal solution for high-performance solar installations.

Performance Metrics

Power Output Range

525 W

Minimum Power

545 W

Maximum Power

Mechanical Characteristics

Dimensions & Weight

Attribute	Value
Dimensions	1756 × 1039 × 30 mm
Weight	21 kg

Construction Materials

- 3.2mm Anti-Reflection Tempered Glass
- Anodized Aluminium Alloy Frame
- Transparent Backsheet

Cell Configuration

144 (6×20) Mono PERC cells

Electrical & Connectivity

Junction Box Rating

IP68

Output Cables

TUV 1×4.0mm² (+): 290mm, (-): 145mm (Customizable)