

# 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 x 1039 x 30 mm
Weight	21 kg

### Construction Materials

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

### Cell Configuration

144 (6x20) Mono PERC cells

## Electrical & Connectivity

### Junction Box Rating

IP68

### Output Cables

TUV 1x4.0mm<sup>2</sup> (+): 290mm, (-): 145mm (Customizable)