



# 545 Photovoltaic panel size and power





## Overview

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The 545 model typically delivers 545W power output with 21.3% module efficiency, but let's unpack what these numbers truly mean. When evaluating photovoltaic panel 545 specifications, you're not just reading technical jargon - you're decoding the DNA of solar efficiency. Superior Power Density: 545W panels deliver 35-45% more power generation per panel compared to standard 400W modules, making them ideal for space-constrained installations while reducing overall system costs through fewer required panels and simplified installation. Advanced Half-Cell PERC. Bluebird Solar manufactures cutting-edge technology-based 545 Watt Solar Panels, delivering exceptional performance and efficiency. Alright, your roof square footage is 1000 sq ft. These solar modules are equipped with a state-of-the-art 144-cell configuration, 10BB technology, and Mono PERC cells, ensuring maximum sunlight absorption and. This high-performance module offers impressive power output and efficiency, making it an excellent choice for residential and commercial solar installations. We'd love to work with you! Greentech Renewables supplies.



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### [545w photovoltaic panel size specifications](#)

The Canadian Solar 545W Mono is a high-powered solar panel manufactured by Canadian Solar, a leading solar energy company. The panel is designed to generate electricity from sunlight and is ...

### [CW Energy 545 Watt 144 Cell Bifacial Solar Panel Pallet , 31 Panels](#)

CW Energy 545 Watt Bifacial Solar Panel (Silver Frame). 12-year product warranty on materials and workmanship. 30-year linear power output performance warranty.



### [Standard Solar Panel Sizes And Wattages \(100W-500W Dimensions\)](#)

To bridge that gap of very useful knowledge needed, we have compared and averaged the sizes of 100-watt to 500-watt solar panels available on the market. The goal here is to get to the average solar ...

### [LONGi Solar 545W 144 Half-Cell 1500V Silver Bifacial Solar Panel, ...](#)

Greentech Renewables supplies LONGi Solar 545W 144 Half-Cell 1500V Silver Bifacial Solar Panel, LR5-72HBD-545M and other pre-qualified solar equipment from LONGi Solar through our extensive ...



### [545 Watt Solar Panels: Complete 2025 Buyer's Guide & Review](#)

Comprehensive guide to 545W solar panels including top models, specifications, installation requirements, and ROI analysis. Compare JA Solar, LONGi & more.



### [Understanding Photovoltaic Panel 545 Specifications for Optimal Solar](#)

Solar panels work similarly, where specifications determine real-world performance. The 545 model typically delivers 545W power output with 21.3% module efficiency, but let's unpack what these ...



### [545 watt solar panels for sale , Buy for home, boat and RV](#)

While they produce more power, 545-watt panels aren't necessarily physically larger than their lower-wattage counterparts. This is because advanced solar cells, such as half-cut cells, use ...



### **Bluebird 545 Watt Half Cut Solar Panels**



A 540W Half-Cut Solar Panel refers to a photovoltaic panel that has a power output of 540 watts and employs a "half-cut" cell design. In a half-cut design, the solar cells on the panel are divided into two ...



### [545W photovoltaic panel parameters and specifications](#)

The JA Solar 545W Mono is a high-powered solar panel that utilizes monocrystalline silicon technology to deliver efficient energy production. Here are some of the specifications for the JA Solar 545W ...

### **Canadian Solar 545W Datasheet**

In this section, we will provide an overview of the main specifications and features of the Canadian Solar 545W solar panel. This high-performance module offers impressive power output and efficiency, ...





## Contact Us

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