



# Weight of single crystal 545W solar panel





## Overview

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Recent market analysis shows 545W panels typically weigh between 17kg-28kg .  
But why such disparity?

Well, it's all about material choices and structural design: Imagine this: A 100kW system using 28kg panels vs 18kg panels means 1,000kg extra structural load.

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Well, it's all about material choices and structural design: Imagine this: A 100kW system using 28kg panels vs 18kg panels means 1,000kg extra structural load.

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.

Did you know a 545W solar panel's weight can vary by up to 40% between manufacturers?

With solar installations increasing by 35% year-over-year (2024 SolarTech Report), understanding weight specifications has become crucial for both residential and commercial projects. Let's unpack the hidden.

Performance Warranty Key Features Mechanical Characteristics Module Specifications [View / Download Jinko 545W panel specsheet](#) [View / Download Jinko 545W panel warranty](#) .

(Electrical Data At STC) Too many choices of suppliers and products?

Let our team find suppliers for you, for free! Too many choices of suppliers and products?

Let our team find suppliers for you, for free! .

Increase your solar power generation with our 545W solar modules. These modules



have an efficiency of up to 21.1%, and the double-sided design utilizes the sunlight reflected from the back, offering a power increase of up to 30% on the same surface area. This maximizes power generation, making them.

The Longi 545W LR5-72HPH 545 solar panel is a 545W monocrystalline module with 144 cells (6×24) from the Longi brand, one of the leading manufacturers in the world photovoltaic Sunrise Energy Co., Ltd. Solar Panel Series M10 144cells 545-565W. Detailed profile including pictures, certification.



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### 545W Photovoltaic Panel Weight Table: Key Data for Solar Installers

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### 545W photovoltaic panel weight

JA Solar 545W Solar Panel Mono Perc Half-Cell, JA 545W Solar Panel incorporates Multi Busbar Technology, to improve the JA solar modules power output. Weight: ...



### SOLAR PANEL JINKO SOLAR 545W

[View / Download Jinko 545W panel specsheet.](#)  
[View / Download Jinko 545W panel warranty.](#)

### 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 ...



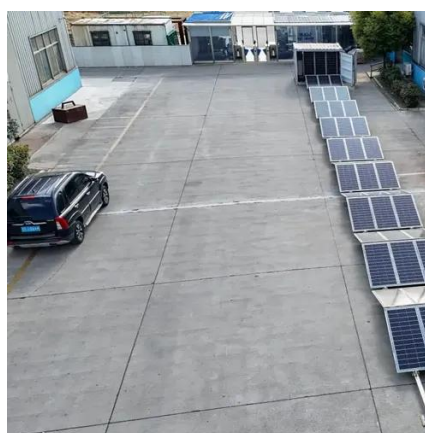
### [Bluebird 545 Watt Half Cut Solar Panels](#)

Bluebird Solar manufactures cutting-edge technology-based 545 Watt Solar Panels, delivering exceptional performance and efficiency. These solar modules are equipped with a state-of-the ...



### **545W Jinko Solar Specs**

Additional details include dimensions of 35\*1134\*2274mm, a weight of ...



### **545 Watt Solar panels for sale , Prices, dimensions, weight, ...**

Ranges of information Voltage: 31.29V ~ 51V  
Amp: 7.92A ~ 17.42A Panel Efficiency: 19.04% ~ 22.89% Weight: 18KG ~ 38KG





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## SOLAR PANEL JINKO SOLAR 545W

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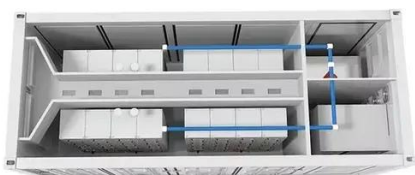
## 545W Jinko Solar Specs

Additional details include dimensions of 35\*1134\*2274mm, a weight of 28.9KG, and operational temperature range of 85+~ 40C°. The panel uses a tempered 3.2mm anti-reflection coated ...



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

The substantial weight of 545W panels requires careful consideration during installation, particularly for rooftop applications where structural load calculations become critical.





## SOLAR PANEL

The CWT545-144PMB10 is a high-performance 545 W bifacial monocrystalline solar panel featuring a sleek black frame and tempered glass. With bifacial technology, it can deliver up to ...



## Beny New Energy , BENY-545W , Solar Panel Datasheet , ENF Panel ...

From the hot desert to snowy landscapes,our solar panels are designed for use in a wide range of environments. With a maximum load capacity of 5400Pa for snow and 2400Pa for wind, your ...

## [Beny New Energy , BENY-545W , Solar Panel ...](#)

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## Contact Us

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