

# 550w solar panel size specifications





## Overview

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What is a 550W solar panel?

JA Solar's 550W panels achieve impressive efficiency ratings of 21.2-21.3%, placing them among the top performers in the residential and commercial solar market. This high efficiency translates to more power generation per square foot, making them ideal for space-constrained installations.

What are the dimensions of a 500W solar panel?

The dimensions of a 72-cell 500W solar panel are around 39" x 77" and 96-cell panels are approximately 41.5" x 62.5". 500W solar panel price hinges upon the brand. Obviously, you can expect them to be a bit more expensive than more popular panels due to their high power.

How much electricity does a 550 watt solar panel provide?

A: If your solar panels are exposed to 5 hours of direct sunlight per day, it can provide an average of 2200-2750 Watt-hours (2.2 kWh - 2.75 kWh) of electricity (depending on sun availability). 3.Q: Why choose a 550 Watt solar panel over 5-6 100 Watt solar panels?

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What is the maximum power output of a solar panel?

With a maximum power output of 550W and a cell efficiency of 21.3%, it is ideal for those looking to maximize energy production on limited space. The panel utilizes half-cell technology, which reduces power loss and boosts overall system efficiency, especially in shaded conditions.



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550 W , LVTOPSUN-PANEL-550W-LVTS144M HALF CELL , NCA SOLAR

The LVTOPSUN 550W solar panel is a high-efficiency, monocrystalline module designed for both residential and commercial installations. With a maximum power output of 550W and a cell ...

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Standard Solar Panel Sizes And Wattages ...

2 days ago · 72-cell solar panel size. The dimensions of 72-cell solar panels are as follows: 77 inches long, and 39 inches wide. That's a 77×39 solar ...

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550 Watt Solar Panel: Maximize Your Energy Savings , Anmak Solar

Mar 16, 2025 · Discover the power of our 550 watt solar panel! Maximize your energy savings and reduce your bills today with our efficient 550 watt solar panel options.

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Nov 9, 2020 · High Founded in 1997, Trina Solar is the world's leading total solution provider for solar energy. With local presence around the globe, Trina Solar is able to provide exceptional ...

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KINGSMILL

May 4, 2022 · 550W Photovoltaic Solar Panels are certified for the most challenging environmental conditions. This 550W Photovoltaic high-power monocrystalline solar panel ...

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How to Choose Solar Panels 550W: A Complete Buying Guide

Nov 25, 2025 · Learn what to look for in solar panels 550w, from efficiency and durability to price ranges and top models. Make an informed decision today.

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CETC Solar , NES144 525-550W , Solar Panel Datasheet , ENF Panel ...

Zhejiang JEC New Energy Technology Co., Ltd. Solar Panel Series NES144 525-550W. Detailed profile including pictures, certification details and manufacturer PDF

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550w photovoltaic panel specifications introduction

NES144 525-550W Solar Panel NES108 400-410W Solar Panel Reviews I am pleased to recommend Zhejiang JEC New Energy Technology Co., Ltd. and their outstanding \*All ...

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Haitai 550W Photovoltaic Panel Dimensions: What You Need ...

The Physical Profile of 550W Solar Modules When evaluating photovoltaic panels like the Haitai 550W model, three key dimensions determine installation requirements: 2279mm length × ...

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CETC Solar , NES144 525-550W , Solar Panel Datasheet

Zhejiang JEC New Energy Technology Co., Ltd. Solar Panel Series NES144 525-550W. Detailed profile including pictures, certification details and manufacturer PDF

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JA Solar 550W Solar Panels: Complete 2025 ...

Aug 8, 2025 · Comprehensive guide to JA Solar 550W panels. Compare bifacial vs monofacial models, specs, pricing, installation tips, and real ...

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Datasheet

Jun 13, 2024 · The specifications included in this datasheet are subject to change without notice. The electrical data given here is for reference purpose only. Please confirm your exact ...

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JA Solar 550W Solar Panels: Complete 2025 Buyer's Guide

Aug 8, 2025 · Comprehensive guide to JA Solar 550W panels. Compare bifacial vs monofacial models, specs, pricing, installation tips, and real-world performance data.

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Dec 25, 2021 · Solar panel size refers to the total amount of power a solar panel can generate over a period of time; Solar panel dimensions refers to the physical size of a solar panel; Solar ...

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550-570W

Oct 29, 2021 · The only backboard material with 30+ years of global outdoor validation  
Lightweight design for easy installation DuPont™ Tedlar® PVF fluorine film on the back panel ...

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