

# 550w solar panel specifications





## Overview

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Based on the 210mm large-size silicon wafer and monocrystalline PERC cell, power output can exceed 550W. MAXIMUM POWER OUTPUT: 530 - 550W  
POSITIVE POWER TOLERANCE: 0~+5W MAXIMUM EFFICIENCY: 21.0%  
What is a bifacial 550 watt solar panel?

Renogy's Bifacial 550-Watt Monocrystalline Solar Panel features substantial conversion efficiency and immense power output. This solar panel is equipped with exceptionally efficient (PERC) monocrystalline silicon solar cells, providing both cost savings and better power output performance. This product promotes renewable energy deployment.

What is a renogy 550W monocrystalline solar panel?

This Renogy 550W Monocrystalline Solar Panel maximizes power output while minimizing installation space and system equipment costs, primarily used for utility-scale systems, solar power plants, residential and commercial applications.

What is a 550 watt solar panel?

Engineered with industry-leading technologies, this high-powered 550 watt solar panel provides maximum power generation for your limited roof space. It's an economical long-term investment for utility-scale systems, solar power plants, residential and commercial applications.

What is TW solar 550W?

Leveraging monocrystalline technology and a half-cell design, these panels maximize efficiency by minimizing shading and module mismatch losses. Ideal for residential, commercial, and industrial installations, TW Solar's 550W panels deliver superior power output, harnessing clean and sustainable energy for various applications.

What is a Canadian Solar 550W panel?



**Key Features: Exceptional Power Output:** The Canadian Solar 550W Panel is a true powerhouse, capable of generating an impressive 550 watts of power. It employs advanced technology to maximize electricity production from every ray of sunlight, making it an ideal choice for residential and commercial applications.

How much power does a 550W solar panel produce?

The 550w panels won't hit their maximum wattage as they will clip at 11amps (mppt max). But will provide slightly less max power than the 470w panels. If I take the Canadian solar 550w panels, they 41.7v and 13.2a. So the 550w panels will produce:  $11 \times 41.7 = 458.7\text{w}$  The 470w panels will produce 470w because they  $43.28 \times 10.86\text{a}$  (10 is less than 11)



## 550w solar panel specifications

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### [WAAREE 550Wp 144Cells Framed Dual Glass Mono](#)

The Waaree 550Wp Dual Glass Mono PERC Bifacial Solar Module is a high-performance, cutting-edge solar panel designed for maximum efficiency and durability. With 144 half-cut cells, it provides exceptional power output, even in low-light conditions, making it ideal for a wide range of solar installations.

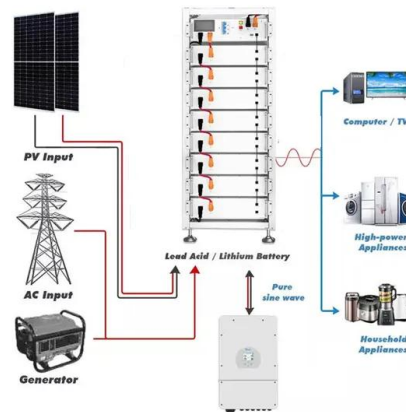


### [Jinko 550W Solar Panel Tiger Mono-Facial](#)

Jinko 550W Solar Panel Datasheet Look into the technical specifications of the Jinko 550W Panel using our descriptive Datasheet. This document provides an in-depth look at the product's features, functionalities, and technical attributes.

### [Bluebird 550 Watt Half Cut Solar Panels](#)

Bluebird 550W Mono PERC Half-Cut Solar Panel Bluebird Solar manufactures cutting-edge technology-based 550 Watt Solar Panels, delivering exceptional performance and efficiency. These solar modules are equipped with a state-of-the-art 144-cell ensuring



### [TW Solar 550W Monocrystalline Solar Panel](#)

Backed by a 12-year product workmanship warranty and a 25-year power warranty, invest in TW Solar for long-term energy savings and peace of mind. TW Solar 550W Mono Solar Panel Specifications: Maximum Power (Pmax/W): 550W Panel Efficiency (%): 21.



Download Here Jinko

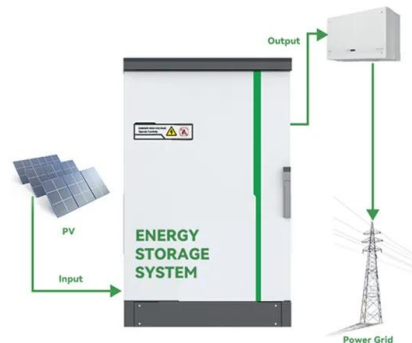


### Top 550 Watt Solar Panel Price in Pakistan - 2024

Canadian 550W Solar Panel 20,350 PKR  
 Canadian 560W Solar Panel 20,720 PKR  
 Canadian 575W Solar Panel 21,275 PKR JA Half-Cell JAM 72S30 550 Watt/MR Despite incorporating cutting-edge technology, the JA 550 watt solar panel price in Pakistan

### [Buy 550W/24V Mono Perc Halfcut Solar Panel](#)

Shop the 550W/24V Mono Perc Halfcut Solar Panel online from Luminous. Get reliable power backup with high efficiency and advanced technology. Shop now with the best prices! Customer Care: +91-9999933039 Call & Buy : +91-8906008008 Close x



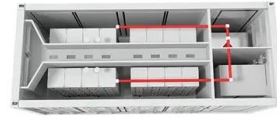
### Longi Solar 550W mono

Overall, the Longi Solar 550W Mono panel is a reliable and efficient solar panel that can help homeowners and businesses reduce their electricity bills and carbon footprint. Product Specifications Weight 27.2Kg Dimensions 225.6 × 11.3 × 3.5 cm Warranty



### Standard Solar Panel Sizes And Wattages (100W-500W ...

These are the practical solar panel dimensions by wattage from solar panels that are actually sold on the market (made by SunPower, Panasonic, QCells, REC Solar, Renogy, Bluetti, and so on). Note: You can allow for up to a 5% difference in both length and width due to different solar panel manufacturers producing PV panel sizes that vary a bit from these averages.



### Vertex 550W+

550W 166 550W 182 Introduction of Vertex 550W Vertex 550W module size: 2384x1096x35mm Weight: 28.6kg(Monofacial)/32.6kg (Bifacial) Power?W? Module e~. Weight?kg? Length?mm? Width?mm? Area?m2? Isc?A? Voc?V? Per container

### 535W-550W High-Efficiency PV Module Solar Panel

SAKO 535W-550W PV module SAKO 535W-550W PV module with 10bb half-cut mono Perc cell technology with multi bus-bar design, improved cells efficiency and get higher output power. The module efficiency up to 21.3%. Such panel can reduce energy



### Isola New Energy , YH550W-36M , Solar Panel Datasheet , ENF ...

144-cell monocrystalline panels can deliver 21.51% peak efficiency and up to 550 watts of power. Proven half-cut technology. Equipped with 144 half-cut solar cells. A fully automated state-of ...



### 550W TIER 1 PANEL - TW535-560MAP

Utilise the power of the sun to its fullest with this 550W solar panel. Specifications: Cells: 144 Cells (6 x 24) Type: Monocrystalline silicon cell Dimensions: 2278 x 1134 x 30 mm Weight: 26.8 kg Max. load: 5400 Pa Junction Box: IP68 rated, 3 diodes Frame: Silver



### **Canadian Solar-Datasheet**

CSI Solar Co., Ltd. is committed to providing high quality solar products, solar system solutions and services to customers around the world. Canadian Solar was recognized as the No. 1 module supplier for quality and performance/price ratio in the IHS Module

### **JA Solar Panel 550w**

Harvest the sun with JA Solar Panel 550w. Assembled with 11BB PERC cells, the half cell configuration of the modules offers the advantages of higher power... Please note, our online dispatch is closed from 20th December 2023 to 2nd January 2024. Orders placed



### 550W Mono Deichmann 10BB Solar Panel

Specification highlights: 550W Monocrystalline PV panel. 10 Busbar design. 144 A-grade monocrystalline solar cells. With a 12-year product warranty and a 30-year design life warranty. Certifications include: German (TUV) certified, IEC, and CE Electrical specifications @ STC: Maximum efficiency: 21.3% Maximum power (



### MEGA 550 Solar Panel , RICH SOLAR

The MEGA 550 solar panel maximizes power generation while minimizing space, equipment necessities, and cost by providing premium solar generation for off-grid systems. With 550W and 24V energy generation, the MEGA 550 can generate renewable energy



### Bifacial 550W Monocrystalline Solar Panel

Bifacial 550W Monocrystalline Solar Panel. Key Features. Renogy's Bifacial 550-Watt Monocrystalline Solar Panel features substantial conversion efficiency and immense power ...

### **550w Solar Panel Green Bank 96 Cells Mono Crystalline AU stock**

550W Solar Panel with Highest Efficiency \$ 395.00 Original price was: \$395.00. \$ 330.00 Current price is: \$330.00. Contact us High Efficiency 10 Year Warranty MonoCrystalline Key Features Specifications MonoCrystalline Key Features Positive tolerance:



### **550W Solar Panel**

450W Solar Panel Next Product HIN3500L 550W Solar Panel Request a Quote Brand: ECCO Category: Solar Panels Ready to go green? Get in touch Helping you solve all your energy needs! Showroom trading hours: Monday - Friday 9am to 4pm About Ecco



### 550 watt Solar4America Mono Bifacial XXL Solar Panel

The Solar4America solar panel features a 10 busbar. 144 half-cut monocrystalline bifacial solar cell design on a white backsheet with a silver aluminum frame. This 550 watt solar panel with bifacial technology enables additional energy harvesting from rear side (up to 25%) compared to standard modules.



### [550 Watt Jinko Mono Solar Panel](#)

Jinko 550 Watt Solar Panel Monocrystalline Half Cell (JKM550M-72HL4-V) Cell Type: Mono-crystalline 144 (6x24) Dimensions: 227.8 x 113.4 x 3.5 cm Weight: 28.9 kg Jinko 550W Panel Datasheet Available in Sandton/Gauteng warehouse for self-collection For

### 2PCS Bifacial 550 Watt Monocrystalline Solar Panel

Module Performance Operating Voltage 8-60 VDC (5 VDC for USB Type-C) Power Consumption at 12V Operating, WiFi On, 100% illumination: 3.2 W Operating, WiFi On, 50% illumination: 2.4 W Operating, WiFi On, 0% illumination: 1.9 W Off, logger still active: 1.



### TW Solar

Solar's 550W panels deliver superior power output, harnessing clean and sustainable energy for various applications. Product Specifications Panel Watts 500W watts Cell Type Half Cell Mono Efficiency 21.3% Weight 27.8Kg Dimensions 227 x 113 x 3.5



### [Longi 550w Monocrystalline Solar Panel](#)

Longi Solar 550W Mono is a type of solar panel produced by Longi Solar, a leading manufacturer of monocrystalline solar panels. This panel has a power output of 550 watts and is designed for use in residential, commercial, and utility-scale solar projects.



### **Renogy 550 Watt Monocrystalline Solar Panel 2 pieces**

Renogy's high-powered 550W monocrystalline solar panel provides an average of 1650 Watt-hours (Wh) power per day (depending on sun availability). It has passed the electroluminescence (EL) test for quality assurance.

### [JA Solar 550W Solar Panel JAM72S30-550/MR](#)

The JA Solar 550W Solar Panel JAM72S30-550/MR is the perfect choice for commercial solar installations. With its high efficiency, long lifespan, and impressive 550W output, this panel is designed to provide reliable solar energy ...



### [550W Monocrystalline Solar Panel](#)

\*All specifications and data described in this data sheet are tested under Standard Test Conditions (STC - Irradiance: 1000W/m<sup>2</sup>, Temperature: 25 C, Air Mass: 1.5) and may deviate ...



[JA Solar JAM72S30-550/MR \(550W\) Solar Panel](#)

Spec sheet/data sheet for the JA Solar JAM72S30-550/MR (550W) solar panel. Generate a Solar Permit Package for a design using JA Solar JAM72S30-550/MR (550W) Sign up Learn More With SolarDesignTool, you can create a design from scratch and generate



[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 Standard Test Conditions (STC): air mass AM 1.5, irradiance 1000W/m<sup>2</sup>, cell temperature 25 C

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