

550 Photovoltaic Panel Specifications





Overview

Specifications: Maximum Power (Pmax/W): 550W Panel Efficiency (%): 21.3 Cell Type: 110 Mono Cell Orientation: 144 (6x24) Connector: MC4 Compatible Voltage at Maximum (Vmp/V): 42.64v 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.

Is a 550 watt solar panel a good investment?

This will be your most economical long-term investment yet. Renogy's 550 watt monocrystalline solar panel provides an average of 2200-2750 Watt-hours (Wh) power per day (depending on sun availability). It has passed the electroluminescence (EL) test for quality assurance.

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.

How much power does a renogy solar panel provide?

Renogy's 550 watt monocrystalline solar panel provides an average of 2200-2750 Watt-hours (Wh) power per day (depending on sun availability). It has passed the electroluminescence (EL) test for quality assurance. No hot spots.

Are solar panels IP68 rated?

IP68 rated waterproof junction box and solar connectors ensure that water and dust will not enter during extended outdoor use. The built-in bypass



diodes protect the solar cells from overheating, allowing the solar panel to perform during accidental shading by bypassing the underperforming cells.

Do the specifications vary?

The specifications may vary slightly. All specifications are in accordance with standard EN 50380. Color differences of the modules relative to the figures as well as discolorations of/in the modules which do not impair their proper functioning are possible and do not constitute a deviation from the specification.



550 Photovoltaic Panel Specifications



Photovoltaic panels 550W - Swiss Solar IBEX 54M-EIGER-530-550

Photovoltaic panels 550W - Swiss Solar IBEX 54M-EIGER-530-550 The Swiss Solar IBEX 54M-EIGER-530-550 is a series of high-efficiency monocrystalline photovoltaic (PV) solar panels ...

[Vertex 550W TSM-DEG 19C.20](#)

Vertex 550W TSM-DEG19C.20. 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. ...



[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! ...



Solar4America 550 Watt Solar Panel , GoGreenSolar

Product Details Solar4America 550W Solar Panel: Power Your Home or Business with American-Made Efficiency Experience the future of solar energy with the Solar4America 550W solar panel, proudly assembled in the USA. Electrical ...



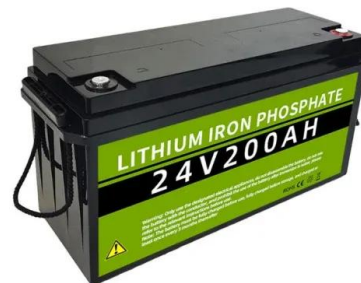
[TW Solar 550W Monocrystalline Solar Panel](#)

With a panel efficiency of 21.3% and 110 Mono cells in a 144-cell orientation, it delivers maximum power with MC4-compatible connectors for easy installation. Backed by a 12-year product ...



[Bifacial 550W Monocrystalline 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) ...



Standard Solar Panel Sizes And Wattages (100W-500W Dimensions)

That's basically a 66×39 solar panel. But what is the wattage? That is unfortunately not listed at all. 72-cell solar panel size. The dimensions of 72-cell solar panels are as follows: 77 inches ...





[Sunova 550 Watt Mono Solar Panel](#)

Harness the latest in solar technology with the Sunova 550 Watt Mono Solar Panel, now available at JC Solar Panels. This high-efficiency half-cell Mono PERC module is designed to deliver outstanding performance and durability, ...



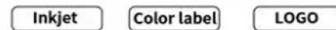
WAAREE 550Wp 144Cells 24 Volts Framed Dual Glass Mono PERC ...

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 ...

[550W Monocrystalline Solar Panel](#)

550 W 49.95 V 14.05 A Module Efficiency 21.3 %
1500 VDC 25 A Protection Degree Number of Diodes *All specifications and data described in this data sheet are tested under Standard ...

Support any customization



550W Solar Panel Price in India: Specifications

550W Solar Panel is 24V and it has wide use of solar usecase. 550W Solar Panel Videos 550W Solar Panel Price in India 550 Solar Panel Price in India starts from INR 25,000. The lowest price of 550W solar panel is INR 25,000 ...



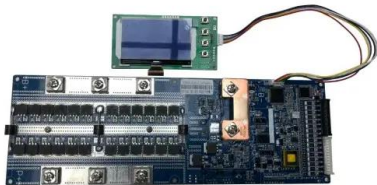
550W TIER 1 PANEL - TW535-560MAP

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: ...



Loom Solar Panel

Loom Solar introduces Shark 550 Watt - 24 volt mono perc panel that gives highest efficiency upto 20%. It is the latest technology solar panel in India that works in low light and even in cloudy weather. Buy online 545 watt mono ...



2Pcs 550-Watt Monocrystalline Solar Panel for RV Boat Shed ...

About This Product. Easily create solar power with a simple installation with this Renogy High-powered 550-W Monocrystalline Solar Panel. This solar panel combines high efficiency mono ...



[Shop 550 Watt Solar Panel Online](#)

Grade A solar cell and IP68 Rated waterproof solar panel connectors. This PERC solar panel has 5 year 95% output warranty, 10 year 90% output warranty, 25. Black Friday - Up to 35% Off + ...



Jinko 550w Solar Panel

The Jinko 550w solar panel with 2278×1134×35mm (89.69×44.65×1.38 inch) dimensions, is a first-rate monocrystalline solar panel made out of the highest-grade silicon. It has up to 21.29% efficiency, making it perfect for domestic ...



[Tiger Neo N-type 72HL4-BDV 560-580 Watt](#)

SPECIFICATIONS Mechanical Characteristics Cell Type No. of cells Dimensions Weight Front Glass Frame Junction Box Output Cables 32 kg (70.55 lbs) IP68 Rated Electrical Performance ...

[550 Watt BYD Mono Solar Panel](#)

Description 550 Watt BYD Mono Solar Panel. AURO Mono-facial Half-Cell Module 530-555W MLK-36. Specifications. Monofacial module 550 Wp, 144 cells. Dimensions: 2278×1134×35 ...



51.2V 150AH, 7.68KWH

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.vdbconstruction.co.za>