

# Specifications of JA Solar PV Panels





## Overview

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JA Residential Solar Panels Quick Summary  
Main solar panel range – DeepBlue series.  
Solar panel power output ratings – 330W to 555W.  
Panel efficiency – high: 21 percent to 24.8 percent.  
Cell technology – P-type PERC and N-type TOPCon.  
Price bracket – low-medium.  
Product warranty – 12 years.  
What is a JA Solar jam54d41-440/lb?

The JA Solar JAM54D41-440/LB is a 440W premium cell solar panel with an all black design. This n-type Double Glass Bifacial Module is very efficient and operates with extremely low LID. Solar Panels are subject to a £150 ex VAT delivery charge up to 50 panels. This is due to being transported by pallet, which are on a 1-2 day service.

Who makes JA Solar panels?

JA Solar is one of the largest solar panel manufacturers with third-largest solar module capacity (reportedly 42.5GW/year in 2021). JA Solar has focused on producing a mid-market solar panel for the masses that combines reliability with an affordable price point.

How to install JA Solar modules?

JA solar recommends installing the modules with a tilt angle of at least 10 degrees, making it easier for dust to be washed off by rain. Ensure the installation method and supporting system of modules is strong enough to make the modules can withstand all the load conditions.

What is included in the JA Solar installation manual?

Thank you for choosing JA SOLAR modules! This Installation Manual contains essential information for electrical and mechanical installation that you must know before handling, installing JA Solar Modules. This Manual also contains safety information you need to be familiar with.

How reliable is JA Solar?



Since 2017, JA Solar has consistently scored in the 'Top performer' category of the DNV GL/PVEL PV Module Reliability Scorecard report. DNV GL is a leading authority of independent energy experts, and PVEL conducts independent PV testing. This annual report identifies 20 high-performing solar panel manufacturers.

What types of solar panels does JA Solar offer?

These include solar panels for homes and commercial installations. JA Solar offers two main types of solar cell technologies - Passivated Emitter and Rear Cell (PERC or P-Type) and N-Type.



## Specifications of JA Solar PV Panels

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### **JA Solar JAM54D41-440/LB All Black Solar Panels**



JA Solar JAM54D41-440 LB 440W Full Black N-type Solar Panels. JA Solar JAM54D41-440/LB 440W Full Black N-type bifacial double glass (dual glass) panels are perfect for domestic and commercial installations. As a ...

### **Mono JAM72D00 350-370/PR**

JA Solar reserves the right of final interpretation. These double-glass modules are powered by PERC cells to provide high power output with higher energy generation at low-irradiance ...



### **JA Solar Panels , Buy JA Solar's Photovoltaic (PV) Systems UK**

As an industry leader, JA was recognised as the top Solar PV Module Manufacturer in Wood Mackenzie's 2023 ranking. Aware of the importance of a responsible supply chain, JA Solar ...



### [395W PERC Module Mono JAM72S09 375-395/PR](#)

JA Solar reserves the right of final interpretation.  
IEC 61215, IEC 61730 ISO 9001: 2015 Quality management systems ISO 14001: 2015 Environmental management systems OHSAS 18001: ...



### Solar Panels , Pv Panel Costs , Home & Business Panels , Cef , CEF

At CEF we sell the best solar panels for your needs. Commerical PV panels or home solar panels, we have them all. Click here and start to make renewable energy for yourself. National 7:30am ...

### 540 Watt JA Solar Panel

540 Watt JA Solar Panel for sale. 540 Watt JA Solar Panel JAM72S-30-540-MR. JA Solar 540W Mono PERC Half-Cell MBB Johannesburg and Pretoria Specifications. Weight: 28.6 kg. Rated Power: 540 W. Length: 2,279 mm. ...



### Commercial and Industrial ESS

Air Cooling / Liquid Cooling

- Budget Friendly Solution
- Renewable Energy Integration
- Modular Design for Flexible Expansion



### [JA Solar Panels Review , Expert Review](#)

JA Solar Panel Specifications Solar PV is his primary passion and area of expertise. Since 2009, Matt has worked both "on the tools" and in project management roles for small, medium, and large Solar PV installations, ...



## [JA Solar Panels South Africa](#)

Solar Panel Guide. Founded in 2005, JA Solar has routed itself into the homes, commercial and industrial industries and PV power plants across the globe. They are proud to be present in over 130 countries worldwide. JA Solar strive for ...



### **JA Solar JAM54S31-420/LR 420W Solar Panel All ...**

JA Solar was founded back in 2005 with the goal of providing high-performance photovoltaic products and, with currently 12 manufacturing bases and more than 20 branches around the world, produces the highest quality silicon wafers, ...

### **JA Solar JAM54D41-440/LB 440W Solar Panel All Black N-Type**

JA Solar was founded back in 2005 with the goal of providing high-performance photovoltaic products and, with currently 12 manufacturing bases and more than 20 branches around the ...



### **Solar Panel Specifications Explained , Electrical Academia**

The most important solar panel specifications include the short-circuit current, the open-circuit voltage, the output voltage, current, and rated power at 1,000 W/m<sup>2</sup> solar radiation, all ...



## JA Solar Panels: An independent review by Solar Choice

6 Independent Testing of JA Solar Panels by PV Labs Australia. 7 JA Solar Warranty for Australian Customers. 8 JA Solar Panel Specifications (common modules) JA ...



## JA Solar , JAM72S20 445-470/MR , Solar Panel Datasheet , ENF Panel ...

JA Solar Technology Co., Ltd. Solar Panel Series JAM72S20 445-470/MR. Detailed profile including pictures, certification details and manufacturer PDF JA Solar Technology Co., Ltd. ...

## JA Solar JAM54S30-425/LR 425W Solar Panel Black Frame P

JA Solar was founded back in 2005 with the goal of providing high-performance photovoltaic products and, with currently 12 manufacturing bases and more than 20 branches around the ...



## JA Solar JAM54D40-440/LB 440W N-type Bifacial Solar Panel

The JA Solar JAM54D40-440/LB is a 440W premium cell solar panel with a black frame. This n-type Double Glass Bifacial Module is very efficient and operates with extremely low LID. Solar ...



## Solar Panels , HDM Solar

Solar panels, or photovoltaic (PV) panels as they are also known, collect sunlight and convert it into electricity for your home or business. Our extensive range of solar panels covers a wide ...



## JA Solar 430WP Full Black N-Type Bi-Facial PV Module JAM54D41 ...

Full Black 430w n-type bifacial module. As a photovoltaic power generation solution platform, JA Solar Technology Co., Ltd. continues to advance its "One Body, Two Wings" strategy. The ...

## JA Solar Panels Review (2024 Cost, Efficiency & Performance)

The DeepBlue 3.0 Light line of panels from JA Solar are the smallest panels of the bunch and have the lowest wattage per panel, coming in between 380 and 415 watts. ...



## [JA Solar Panels , UK Solar Panel Installers](#)

Founded in 2005, JA Solar are one of the leading manufactures of high-performance photovoltaic panels. Available in 135 countries, JA Solar Panels are perfect for domestic, commercial and ...



## JA solar panels review 2024 , The Independent

When combined with their N-Type technology, JA Solar's monocrystalline panels position themselves at the top of the efficiency scale for mid-range solar panels. JA Solar's ...



### JA solar panels: Buy online for home, for sale

JA Solar panel retains over 90% of its output after 10 years and around 83% of the rated output in 25 years. Bifacial panels get 30-year performance warranty and their degradation rates are ...

### 400W Bifacial Mono PERC Double Glass Module

Specifications subject to technical changes and tests. JA Solar reserves the right of final interpretation. JA bifacial modules are assembled by high-performance PERCIUM cells and ...



### JA Solar 460W MBB Half-cell module, mono, 144 cell

Important Notice: We deliver orders of pallet or more panels directly from our warehouse. For orders of less than a pallet, please arrange for collection. The JA Solar 460W MBB Half-Cell ...



## JA Solar 565W Mono PERC Half-Cell Solar Panel

Lower Levelized Cost of Energy (LCOE): This panel is engineered to provide more power for a lower comparative cost, making your investment in solar energy more efficient and cost ...



## Contact Us

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