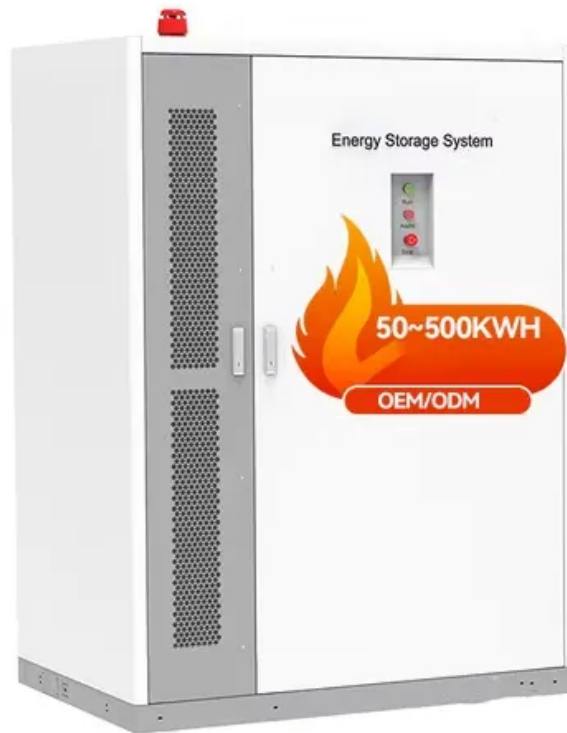


# Specifications of JA Solar 270 photovoltaic panels





## Overview

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DC Electrical Characteristics  
STC Power Rating 270W  
PTC Power Rating 244W  
1STC Power per unit of area 15.3W/ft<sup>2</sup> (165.1W/m<sup>2</sup>)  
Peak Efficiency 16.51%  
Power Tolerances 0%/+2%  
Number of Cells 72  
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.

Do JA Solar modules corrode?

JA Solar modules have passed the IEC 61701 salt-mist, but galvanic corrosion can occur between the aluminum frame of the modules and mounting or grounding hardware if such hardware is comprised of dissimilar metals.

Why should you choose JA Solar?

This time-tested legacy module series has been proven to be one of the powerful and most reliable products offered by JA Solar and the most popular choice by PV system installers and customers around world. Specifications subject to technical changes and tests. JA Solar reserves the right of final interpretation.

How do JA Solar modules work?

The junction boxes used with JA Solar modules contain bypass diodes wired in parallel with the PV cell strings. In the case of partial shading, the diodes



bypass the current generated by the non-shaded cells, thereby limiting modules heating and performance losses. Bypass diodes are not over-current protection devices.

How to unpack JA Solar modules?

Store pallets in a ventilated, rain-proof and dry location until the modules are ready to be unpacked. Please unpack the package of JA Solar modules according to “JA Solar Modules Unpacking Instruction”. Do not lift the modules by grasping the module’s junction box or electrical leads in any condition.



## Specifications of JA Solar 270 photovoltaic panels

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### JA Solar 565W Mono Percium Half-cell Solar Panel with MC4

Product Description The JA Solar 565W Mono Percium Half-cell Solar Panel with MC4 offers a lower leveled cost of energy and higher power output in shaded areas due to its multi-busbar ...

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

JA Solar produces record-breaking panels with huge efficiency. Get a complete photovoltaic system delivered next day in the UK from Segen. datasheets, product specifications, ...



### [JA Solar JAP6 JAP6-60-270/4BB/RE](#)

All you need to know about the JA JAP6 JAP6-60-270/4BB/RE solar panel including rating, cost, efficiency, and warranty terms. create national and international standards for photovoltaic ...

### Solar Panels-Mono, Bifacial & Poly Genuine Brands in Kenya

Solar panels harness the power of the sun to reduce energy costs and enjoy sustainable life. Get the best solar deals in Kenya from Solar Shop. JA 575W Bifacial solar panel KSh 14,900.00 ...



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

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 Panels are subject to a £150 ex VAT delivery ...



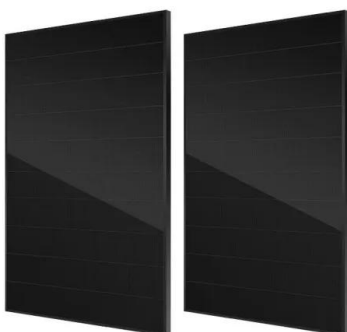
### **INSTALLATION MANUAL FOR JA SOLAR PHOTOVOLTAIC MODULES**

FOR JA SOLAR PHOTOVOLTAIC MODULES JAP60S03-xxx/SC, xxx= 270 to 290 in increment of 5 the product, specifications or installation manual without prior notice. Failure ...



### [JA Solar JAP60D00-265/SC \(265W\) Solar Panel](#)

This page contains information about the JA Solar JAP60D00-265/SC (265W) solar panel. To compare this to other PV modules, click here. Manufacturer Data Sheet; Installation Manual; ...





### JA Solar JAP60S01-270/SC Polycrystalline Solar Panel 270W 24V

The photovoltaic panel JAP60S01-270/SC of the company JA Solar is polycrystalline, which means it is made up of multiple fragments of silicon, unlike the monocrystalline panel which ...



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

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. ...

### [JA Solar JAP6-60-270/3BB \(270W\) Solar Panel](#)

This page contains information about the JA Solar JAP6-60-270/3BB (270W) solar panel. To compare this to other PV modules, click here. [Manufacturer Data Sheet](#); [DC Electrical ...](#)

12V 10AH



Higher Anti-Rust Performance  
Lower Internal Impedance



### Solar Panel Prices in South Africa , Solar West Coast

Prices range between R1800 for a 360W Solar Panel and R4200 for a 550W Solar Panel. On average, a typical 3kW solar panel system in South Africa can cost between R45,000 to R70,000, while a 5kW solar panel system can cost ...



## JA Solar 500W Solar Panel

The JA Solar 500W solar panel is designed to deliver exceptional power and efficiency, ideal for both residential and commercial solar projects. With a high efficiency rate of 21.1%, this panel ensures optimal energy production with its ...



## 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, ...

### [Solar Panel Specifications Explained](#)

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 PV MODULES INSTALLATION MANUAL](#)

JA Solar A PV Module nstallation Manual Modules. JA Solar reserves the right to make changes to the product, specifications or installation manual without prior notice.



[JA Solar JAP6\(K\) JAP6\(K\)-60-270/4BB](#)

All you need to know about the JA JAP6(K) JAP6(K)-60-270/4BB solar panel including rating, cost, efficiency, and warranty terms. create national and international standards for ...

**18650** <sup>3.7V</sup>  
RECHARGEABLE BATTERY Li-ion  
**2000mAh**



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