



# Parameters of JA Solar Photovoltaic Panels





## Overview

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First, understanding and comparing key performance parameters is the first step in judging the quality of panels. These parameters include but are not limited to conversion efficiency, maximum power output, temperature coefficient, and NOCT (output power under standard test. I have read the Privacy Policy and agree to it. Don't fill this field! Download data sheets, certificates, white papers, and more from the JA Solar Download Center - all important documents in one place. Since its inception, JA Solar DeepBlue series PV modules have undergone several product iterations, all while staying true to its core design concept of optimizing LCOE (Levelized Cost of Energy). Our iterative design process encompasses the entire industrial chain, prioritizing performance. Dual Model Strategy: JA Solar offers two distinct 410W configurations - the JAM72S10-410/MR (72-cell format) for utility-scale projects and the JAM54S30-410/MR (60-cell format) for residential applications, providing optimal sizing flexibility for different installation types. Advanced Half-Cell. Electrical Parameters at STC o Maximum Rated Power(Pmax): 545W o Maximum Power. The JA Solar 545W Mono is a high-powered solar panel that utilizes monocrystalline silicon technology to deliver efficient energy production.



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### [JA Solar 545W Photovoltaic Panel Technical Specifications](#)

For installers, the 545W rating hits the sweet spot between power density (350W/m<sup>2</sup>) and manageable module weight (28.5kg). The split junction box design allows flexible cabling configurations, adapting to complex roof ...

### How to judge the quality of JA Solar monocrystalline panels?

This guide aims to provide practical information on judging the quality of JA Solar monocrystalline panels through scientific data support and professional analysis methods.



### [Introduction to JA Solar s photovoltaic panels](#)

This textbook provides students with an introduction to the fundamentals and applications of solar photovoltaic systems, connecting the theory of solar photovoltaics and the practical applications of this very important ...

## JA SOLAR PRODUCT BROCHURE

Since its inception, JA Solar DeepBlue series PV modules have undergone several product iterations, all while staying true to its core design concept of optimizing LCOE (Levelized Cost of Energy).



## JA Solar 410W Solar Panels: Complete Guide, Specs & Performance

Complete guide to JA Solar 410W panels including specifications, performance data, pricing, and installation advice. Compare models and find the best deals.



## JA Solar 545w photovoltaic panel

545 Wpower at 21.1% efficiency. High energy production levels are achieved through the usage of the latest advances in the solar industry, including PERC technology and state-of-the-art antireflective coating. An ...



## [545W photovoltaic panel parameters and specifications](#)

The JA Solar 545W Mono is a high-powered solar panel that utilizes monocrystalline silicon technology to deliver efficient energy production. Here are some of the specifications for the JA Solar 545W Mono: Power ...



## JA Solar Panel Datasheet , PDF ,



## Photovoltaics , Solar Panel

They offer excellent low-light performance, lower temperature coefficient, and superior warranties including a 12-year product warranty and 25-year linear power output warranty. The modules have received several ...



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### [JA Solar 545w photovoltaic panel parameters](#)

Description. JA Solar panel, a leading manufacturer of high-performance photovoltaic products, offers the JAM72S30-545/MR solar panel as a breakthrough solution for harnessing clean and renewable energy. With ...





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