

# JA Solar photovoltaic panel attenuation rate



## Overview

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The panels are rated at Standard Test Conditions (STC) of 1000W/m<sup>2</sup> irradiance, 25°C cell temperature, and AM 1. Under real-world conditions, you can expect approximately 85-90% of the STC rating, depending on your location's climate and installation factors.

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### 385W JA Solar Panels

Max. recommended PV power (for module STC)  
Max. DC voltage. Max. AC apparent power. \* The AC voltage and frequency range may vary depending on specific country grid standard. All specifications

### JA solar panels Review 2026

Most panels of JA Solar have good mechanical loading tolerance. Their modules are made to withstand 5400 Pa of front load which is comparable to 210 mph wind.



### JA Solar PV Panel Attenuation

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

### [JA Solar 400W Panels: Complete 2025 Guide & Expert Review](#)

JA Solar guarantees their 400W panels will maintain at least 97% of original power output after one year, and at least 82.5% by the end of year 30, with a linear degradation rate of



### JA SOLAR PV MODULES INSTALLATION MANUAL

The junction boxes used with JA Solar modules



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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



### **JA Solar JAM54D41-440/MB Bifacial Solar Panel**

JA Solar's JAM54D41-440/MB Bifacial Solar Panels are powered by high-efficiency Mono-N-Type cells and the 16 busbar design helps improve low light performance.

### [JA Solar , DeepBlue 4.0 Pro JAM72D42-625-650/LB , Solar Panel](#)

Detailed profile including pictures, certification details and manufacturer PDF.



### [JA Solar 405W Mono Half-Cell Panel , Solar Electric Supply](#)

The 0.55% annual degradation rate also helps maintain higher energy production over the system's lifetime compared to many standard modules, potentially improving the economics of solar projects.

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