



# Conversion rate of JA Solar panels

This PDF is generated from: <https://www.2xt.com.pl/18-02-23-7898.html>

Title: Conversion rate of JA Solar panels

Generated on: 2026-05-10 18:23:01

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JA Solar panels are celebrated for their superior conversion rates, typically ranging 21.30%. This level of efficiency is noteworthy in the solar industry, translating to higher energy generation per square meter.

Exceptional Efficiency-to-Price Ratio: At 21.2-21.3% efficiency and \$0.36-\$0.43 per watt, JA Solar 550W panels offer one of the best value propositions in the premium solar market for 2025.

JA Solar 400W panels feature a power temperature coefficient of  $-0.35\%/^{\circ}\text{C}$ , which is excellent for maintaining performance in hot climates. This means for every degree above  $25^{\circ}\text{C}$ , the ...

Interested in JA solar panels? We'll walk you through the cost, performance ratings and pros/cons of their top solar panels.

The 21%-23.5% energy conversion rate that JA Solar brings to the table certainly isn't bad, especially for the price range that their product is in. Most popular solar technologies, like PERC cells ...

As for the current performance range, most of JA Solar PV Panels are capable of performing between 21% to 23.8%. These are now one of the most efficient panels coming from Tier ...

Solar panel efficiency is the amount of sunlight (solar irradiance) that falls on the surface of a solar panel and is converted into electricity. Due to the many advances in photovoltaic ...

In the full-year test period, the energy yield performance of JA Solar n-type modules and the PERC modules are shown in Figure 2. The average daily energy yield of these two modules was ...

With a module efficiency of 20.7% and comprehensive warranty coverage, this panel represents a practical option for those seeking a balance of performance and value in their solar investment.

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by brand, system size, and more, check out our article on the cost of solar.

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