



Jinko solar panels reviews

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As subject matter experts, we provide only objective information. We design every article to provide you with deeply-researched, factual, useful information so that you can make informed home electrification and financial decisions. We have:

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JinkoSolar is one of the world's largest manufacturers of solar panels and develops solar projects across the globe. The company was founded in 2006 and primarily manufactures its solar panels in China and Malaysia. However, JinkoSolar recently opened a solar panel manufacturing facility in Jacksonville, Florida, where they manufacture the aptly named "Eagle" series of American-made solar panels.

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Internationally, JinkoSolar Energy offers several different animal-named series of solar panels: the Swan Bifacial panels, Tiger high-powered panels, and their workhorse Cheetah panel. In the US, JinkoSolar Energy's product line is dominated by the Eagle series of modules:

EnergySage has reviewed the product specifications of each JinkoSolar Energy panel series to make your solar research process easier. As the leading online marketplace for homeowners considering solar, EnergySage is uniquely positioned to evaluate the technical specifications of JinkoSolar solar panels and help you compare them to other manufacturers on the market.

There are four key metrics that you should review as you evaluate solar panel quality: efficiency, performance, warranties, and price. EnergySage has developed JinkoSolar solar panel reviews for each metric to help make your solar decision easier. We've also created a comparison of JinkoSolar panels against other leading panel manufacturers frequently featured in offers to homeowners and businesses shopping for solar on the EnergySage Marketplace.

"Solar panel efficiency" refers to how well a solar panel captures sunlight and converts it into useful electricity. In the same conditions, a high-efficiency solar panel will produce more electricity than a lower-efficiency panel of the same size. For this reason, a higher efficiency rating is generally preferable.

We use the temperature coefficient to evaluate solar panel performance. The temperature coefficient indicates

how well your solar panel can handle less-than-ideal conditions. Solar panels, like other electronic equipment, perform better when kept cool (ideally around 25° C/77° F). The temperature coefficient tells you how much your panel's performance will change during hot sunny summer days.

For every degree above 25° C (77° F), your solar panel's electricity production will decrease by its temperature coefficient. For example, the half-cut JinkoSolar JKM320M-60HBL panel from the Eagle G2 series has a temperature coefficient of -0.36%/°C. This means that if the panel's temperature increases by one degree from 25° C (77° F) to 26° C (79° F), its electricity production will decrease by 0.36%. If its temperature increases to 35° C (95° F), electricity production will reduce by 3.6%.

Your solar panels will likely see more than a few hot and sunny days each year, so ideally, they will have the lowest temperature coefficient possible. JinkoSolar panels have temperature coefficients ranging from -0.39 to -0.35.

Whether you're buying a TV, a car, or solar panels, the manufacturer should stand behind their product with a strong warranty. A solar panel's materials warranty (sometimes referred to as the product or equipment warranty) is a guarantee from the manufacturer that they will replace your panel if it fails due to manufacturing defects or environmental issues.

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