

Best solar panel cost





Overview

Today's premium monocrystalline solar panels typically cost between 30 and 50 cents per Watt, putting the price of a single 400-watt solar panel between \$120 to \$200, depending on how you buy it. Less efficient polycrystalline panels are typically cheaper at \$0.25 per Watt.

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Solar panels generate "free" electricity, but installing a system still costs money. A typical American household needs a 10-kilowatt (kW) system to adequately power their home, which costs \$28,241 in 2025. That price effectively drops to \$19,873 after considering the full federal solar tax credit.

Solar panel costs range from \$16,600 to \$20,500 for the average 6.5 kW system, but prices can vary from as little as \$7,700 for smaller solar systems to upward of \$34,700 for larger systems. To find the most up-to-date solar panel costs in 2025, we compared research from the U.S. Department of.

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Take a look at CNET's expert picks for the best home solar panels. The companies providing quotes may differ from those described in our independent reviews. Deals are selected by the CNET Group commerce team, and may be unrelated to this article. REC and Maxeon offer two of the best solar panels.

But how do you know which cheap solar panels are a good deal and which are too cheap to be worth it?

I've spent countless hours reviewing solar panels and solar panel tech, so I



know what makes a panel worth the money. In this guide, I'm going to cover the seven cheapest solar panels that I feel.

It costs around \$30,000 to install solar panels. That's a big number, but incentives usually lower it significantly. The average U.S. solar shopper needs about 11 kilowatts (kW) of home solar to cover their electricity usage. Based on thousands of quotes in the EnergySage Marketplace, you'll pay. How much do solar panels cost?

The price of solar panels changes depending on where you live, but the average for installation is just under \$29,000 or \$2.75 per watt. On the high end, we talked to a solar customer in Hawaii who spent \$100,000 going solar. Dion in Nevada said their 10-kW system cost about \$20,000, which is about the national average price for a 7-kW system.

What should you look for when buying cheap solar panels?

Here are the four main things to look for when shopping for cheap solar panels: Cost per watt: It's easy to get distracted by the total price of a solar system, but the number you should focus on is the cost per watt.

Which solar panel should I buy?

Eagle Continental: This panel is my recommendation for the most affordable solar panel for homeowners on a budget. Its 19.8% efficiency rating is good, but not great, but its cost per watt, coming in at \$2.25, is hard to beat. Eagle G4: The Eagle G4 is a big step up from the Continental.

How much does a home solar installation cost?

While this \$3.03 per-watt price tag is lower than solar panels have cost in the past, it's still a significant upfront investment. Cutting corners can help you save money, but you don't want to sacrifice quality when it comes to a big investment like a home solar installation.

Do Cheap solar panels mean good?

Keep in mind, cheap doesn't always mean good! There may be cheaper modules out there, but the quality would likely be low. To accurately determine the average cost per watt for each solar panel brand, the experts at SolarReviews rely on more than just internal data.

What are the best residential solar panels?



Here's a quick look at the two residential solar panel options Qcells offers to residential customers: Q.PEAK DUO BLK-G10: This is the most affordable solar panel Qcells makes. It comes with an efficiency rating of 20.6% and costs about \$2.60 per watt, on average.



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[4 Best Solar Panels for Homes of 2025: Expert ...](#)

Blue Raven Solar ranks as the top choice for home solar panels due to its high-efficiency panels, in-house financing options with 18 months of free solar energy, and 25-year workmanship warranty coverage. Monocrystalline ...

[Solar Panels: Browse And Compare Products](#)

Solar panels are the key component in any residential, commercial, or utility-scale solar energy system. Use this guide to compare solar panel options and understand which products are best for your installation.



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brands on its marketplace based on various criteria. The company weighted its ...



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