

# Cost of home solar panels in california

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## Overview

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As of August 2025, the average solar panel system costs \$2.29/W including installation in California. For a 5 kW installation, this comes out to about \$11,435 before incentives, though prices range from \$9,720 to \$13,150.

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Average solar panel installation costs range from \$8,005 to \$22,871 in California. How much you pay depends on the size of your system, what incentives you're eligible for, your home's sunlight exposure and other factors. Assuming an upfront purchase, it takes about 5.17 years to break even (when.

You'll pay an average of \$11,435 to install a 5 kilowatt solar panel system in California, before incentives. Act now: The federal investment tax credit (ITC) lowers the total cost of installing solar by 30%, but only until December 31, 2025 —after that, it's gone. Why trust EnergySage?

As subject.

The average cost of installing solar panels in California falls between \$10,000 and \$13,000 after incorporating the 30% solar federal tax credit. However, the suitability of solar for your budget hinges on various factors, such as your location, the number of sunny days annually and the.

The average solar panel installation cost for 2025 is about \$3.30 per watt. Most homes need between 5 kW and 10 kW of solar power, which translates to about \$16,500-\$33,000 before factoring in incentives like the 30% federal solar tax credit. Solar panels are an investment. But you can bring the.

The most recent solar industry data shows that the average cost of installing solar panels in California is between \$11,000 - \$16,000, depending on the size of your home and energy needs. The average home size in CA is around 2,100 sq ft., making the average solar system cost around \$13,442, but. How much



do solar panels cost in California?

As of July 2025, the average solar panel system costs \$2.29/W including installation in California. For a 5 kW installation, this comes out to about \$11,435 before incentives, though prices range from \$9,720 to \$13,150. After the federal tax credit, the average price drops by 30%. You'll probably pay even less than what we show here.

Can you get free solar panels in California?

You cannot get free solar panels in California. However, many solar companies in California have options that allow you to install a solar panel system with little to no upfront costs. A solar loan allows you to pay for the system over time. With a solar power purchase agreement (PPA), the solar company installs solar panels at little to no cost.

How much does a 5 kW solar system cost in California?

While a 5 kW system will only cost you \$11,435 in California, doubling the system size effectively doubles the price, so you'll pay about twice that for a 10 kW system. The higher the price tag, though, the more you'll get back as a credit towards your federal tax bill.

Is California a good place to install solar panels?

California averages 250+ sunny days per year and has an ideal climate for solar energy systems. California ranks #1 for solar power in the country for total installed capacity. Get free estimates from solar panel installers near you. Many factors affect the cost of solar panels in California, including:.

How much do solar panels cost?

You can probably expect to pay between \$7,000 and \$18,000, though some cost \$30,000 or more. Solar panels: Monocrystalline panels are generally considered the “best bang for your buck,” according to Robert Flores, a solar expert at the University of California, Irvine.

Are solar panels worth it in California?

Solar panels are often worth it in California if you like the idea of lowering your monthly utility bills, helping the environment and gaining more energy independence. One homeowner with solar panels, David in Palm Desert, put it this way: “Energy prices continue to rise, and we live in an area where the sun



shines most of the year.



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### [How Much Do Solar Panels Cost in California? \(2025\)](#)

Solar power is more accessible and affordable than ever, especially for California residents. With the state's sunny climate, supportive policies, and incentives, many homeowners are considering solar panel ...

### [California Solar Panel Cost Data in 2025 . SolarReviews](#)

As of August 2025, the average cost of solar panels in California is \$3.14 per watt, bringing the total cost of a typical installation to about \$22,600 before incentives. When combined with the federal solar tax credit, that cost can be reduced to ...



### [Cost of Solar Panels in California . Savings Guide](#)

Key Points Solar panels in California cost about \$17,350 for a 5 kilowatt solar panel system. California has higher electric rates than most states, and residents could save more than \$1,700 each year on energy bills with ...

### [Is Solar in California Worth It? \(2025 Analysis\)](#)

California's abundant sunshine and high electricity rates make it a prime candidate for solar energy adoption. However, determining whether installing solar panels is a worthwhile



investment depends on several factors, ...



### Guide to California Solar Incentives & Tax Credits in 2025

As of August 2025: California solar incentives can reduce the cost of the average solar panel installation by an estimated \$6,780. A solar installation with an average-sized backup battery ...

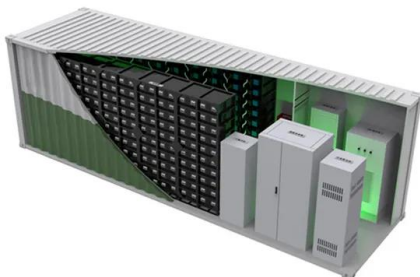
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### [California Solar Panel Cost: 2025 Prices and Savings](#)

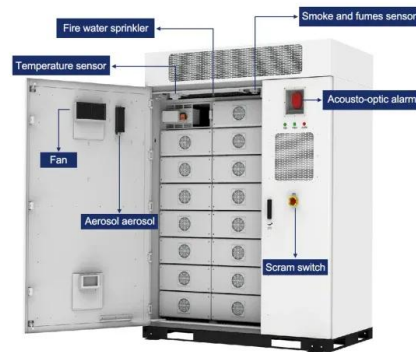
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