

# **Cost of solar panels in california**





## Overview

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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.

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.

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 \$15,820 after the first year. The prices above are.

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 typically cost in California?

The average cost of solar panels in California is around \$16,380. If you take the full federal solar tax credit into account, you're looking at an effective total of around \$11,466. <sup>1</sup> This estimate is based on the assumption that you only need a to offset the CA average of 572 kilowatt-hours (kWh) used per household per month.

Is investing in solar panels worth the cost in California?

Yes, solar is worth it in California! In fact, solar panels are worth it in most areas, though certain factors – including the cost of electricity, available incentives, the climate, and sun angle – will all impact how quickly you break even on your investment relative to other areas.

Are there any subsidies for solar panel installation in California?

The cost of installation of renewable energy systems in California is supported by the federal solar investment tax credit. The amount of this tax credit is currently 30% of the value of the solar system and it is claimed on your taxes in the year after installation.



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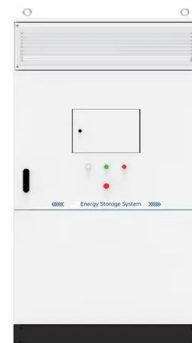


### [True Cost of Home Solar in California? : r/solar](#)

Discussion of solar photovoltaic systems, modules, the solar energy business, solar power production, utility-scale, commercial rooftop, residential, off-grid systems and more. Solar photovoltaic technology is one of the great ...

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

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 can earn an additional \$6,700 (or more) in tax ...



### Low-Income Weatherization Program

California's Low-Income Weatherization Program (LIWP) provides low-income households with solar photovoltaic (PV) systems and energy efficiency upgrades at no cost to residents. LIWP is the only program of its kind in California that ...

### [How Much Does Solar Energy Cost Per KWH in ...](#)

California, a leader in solar energy adoption, is home to some of the most progressive environmental policies and technologies in the United States. With its abundant sunshine and



supportive governmental policies, ...



- ✓ LIQUID/AIR COOLING
- ✓ INTELLIGENT INTEGRATION
- ✓ PROTECTION IP54/IP55
- ✓ BATTERY /6000 CYCLES



## Solar Panels California

The cost of a home solar system in California can vary, even in the same state, due to a range of factors. These include: Type of installation Roof type and angle Quality of the solar panels Interconnection costs To help you understand the ...

### 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, ...



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