

## SolarInnovate Energy Solutions

# Solar power prices in San Diego



## Overview

---

As of 2025, the average cost of solar panels in San Diego is \$3.14 per watt, making a typical 7.2 kilowatt (kW) solar system \$15,825 after claiming the 30% federal solar tax credit now available. How much does a solar panel cost in San Diego?

The average cost for a typical 6 kW solar panel system in San Diego is \$19,619. This comes out to a cost per watt of \$3.27. Generally, the larger the system, the lower cost per watt, and thus the more money you will save. A smaller 3 kW system on average costs \$10,252 with a cost per installed watt of \$3.42.

Are solar panels cheaper than grid electricity in San Diego?

Even without the 30% federal tax credit, the cost of electricity from solar panels is more than four times cheaper than grid electricity in San Diego. And that's just in the first year. These savings can be expected to increase each year as the cost of electricity rises.

How much does a 5kw Solar System cost in San Diego?

In San Diego, an average home needs a 5kW solar system in order cover most of their electricity needs. Given the average residential price-per-watt of \$3.5 in San Diego, a 5kW system can cost around \$17,500 depending on applicable rebates and other factors.

Are solar panels a good investment in San Diego?

While the cost of solar panels in San Diego is already much lower than paying for grid electricity, there are several incentives that can maximize your savings. Let's start with the most valuable incentive: The 30% federal solar tax credit.

How much do solar panels cost in California?

Based on our binding quotes, solar panels typically cost between \$3 to \$4 per

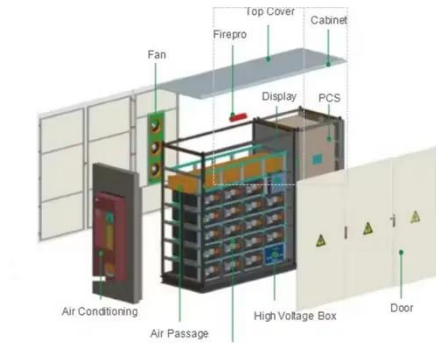
watt in California. You might find a lower figure elsewhere, but make sure that: The figures below are from a real quote for a 4.4 kW solar system presented to a solar.com customer in San Diego.

How much do solar panels cost?

This is lower than the average price of residential solar power systems across the United States which is currently \$3.00 per watt. The size of a solar panel system also plays a role in how much the installation will cost. Larger solar installations will typically have a lower cost per watt, because the panels can be purchased at a 'bulk price'.

## Solar power prices in San Diego

---



### San Diego, California Solar Panel Cost: Savings and Payback ...

Aug 1, 2025 · How much do solar panels cost in San Diego, CA? Cost: About \$2,205 for a 1 kW system to \$11,025 for a 5 kW system after tax credit. Savings: 9 year payback; about \$13,238 ...

---

## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://institut3i.fr>