

A-Core Container

Solar panel system costs



Overview

How much does it cost to install solar panels?

Although the overall cost of installing solar panels can surpass \$20,000, you may not have to cover the entire cost. Depending on where you live, you may be able to access federal, state, and local government programs:.

How much does a solar system cost?

If you just need a few panels for a small do-it-yourself solar project, expect to pay around \$200 to \$350 per panel (between \$0.80 and \$1.40 per watt). Note: The table below doesn't include the cost of a solar storage battery, which can add anywhere from \$7,000 to \$18,000 to your total solar system costs.

How much do commercial solar panels cost?

Generally, installing solar panels on businesses costs a bit less per watt because the systems are larger, but the total costs will be higher. In 2025, the average cost for commercial solar panels is just about \$2.00 per watt. There is a lot to consider when figuring out how much you'll spend on a solar installation.

How much do solar panels cost in 2025?

In 2025, average solar panel costs continue to decrease due to advancements in technology and economies of scale. Prices vary by system type, size, and installation needs. Residential solar panels typically cost between \$12,500 and \$17,500 for a 5-kilowatt system.

Why are solar panels so expensive?

Since 2010, the cost to install solar panels on a home has fallen by roughly 50%. Costs rose slightly from 2020-2023 largely due to supply chain tangles from the pandemic, and then fell again in 2024. Prices have ticked upward slightly in 2025 due to tariffs and a rush for solar before the 30% consumer solar tax credit expires on December 31, 2025.

How much does a 10 kW solar system cost?

For example, while a small 4 kW system might cost around \$3 per watt, a larger 10 kW system might only cost \$2.50 per watt. Not all solar panels are created equal. There are three main types of solar panels used in most residential installations:

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Contact Us

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