

How much does a 15 kilowatt solar panel cost





Overview

On average, a 15 kW solar panel system costs \$36,300, according to real-world quotes on the EnergySage Marketplace from 2025 data. However, your price may differ—solar costs can vary significantly from state to state. How much does a 15kW solar system cost?

The typical cost for a 15kW solar system is around \$30,000. However, it is worth noting that the prices of solar panels have decreased significantly over the past decade. This decrease in cost has made solar systems more affordable and accessible to a wider range of consumers. Source: The National Renewable Energy Laboratory (NREL).

What is a 15 kW solar system?

These 15 kW size grid-connected solar kits include solar panels, DC-to-AC inverter, rack mounting system, hardware, cabling, permit plans and instructions. These are complete PV solar power systems that can work for a home or business, with just about everything you need to get the system up and running quickly.

How much does a solar system cost per watt?

As of publishing, the average cost per watt is \$2.84. Most solar companies set the price according to the solar system's wattage. A solar installation's "cost per watt" is a little like the "price per square foot" when you buy a house. It helps compare the value of solar energy systems in different sizes.

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.

Does sunwatts offer a 15 kW solar system?



SunWatts has a big selection of affordable 15 kW PV systems for sale. These 15 kW size grid-connected solar kits include solar panels, DC-to-AC inverter, rack mounting system, hardware, cabling, permit plans and instructions.

Can a 15kW solar system save you money?

A 15kW solar system has the potential to save you a significant amount of money on your electricity bills. On average, this system can save up to \$4,654 per year. Over the 25-year lifetime of the solar panels, you can expect to save a total of \$116,344. The cost of electricity has been steadily increasing over the past four decades.



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