

# **How much does it cost to install solar panels**





## Overview

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How much does a solar panel installation cost?

One of the biggest cost factors for your solar panel installation is the size of the system you have installed. System size is measured in kilowatts (kW) and is determined by household energy consumption. The average cost per watt is \$3.04, but larger systems often have a lower cost per watt.

Are solar installations cheap?

Solar installations aren't cheap, but the actual equipment is a relatively small part of the total cost. It's only 35% of your total installation cost, according to the US Department of Energy. Soft costs, also known as the hidden costs of installing solar, are nonhardware costs, and they make up 65% of your total solar costs, according to the DOE.

How much does a home solar system cost?

According to studies by the U.S. Department of Energy, the all-in cost of a home solar panel system is between \$2.74 to \$3.30 per watt. <sup>1,2,12</sup> This figure includes the solar panels, the installation, and other expenses. Using these numbers, an average-sized 8-kilowatt residential solar system would cost between \$21,900 – \$26,400.

How much does a 6 kW solar panel installation cost?

The average 6-kW residential solar panel installation is \$17,852 before incentives. Learn about cost factors, financing options, tax breaks and more.



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How Much Do Residential Solar Panels Cost? Factors That Can Affect The Price and Value of Your Solar Panels The Importance of Net Metering Different Types of Solar Panels Solar Installation Pricing Tiers Are Solar Panels Right For Your Home? On average, U.S. homeowners pay about \$15,250 to install residential solar energy systems. Getting photovoltaic solar panels for your home is the best way to switch to clean, renewable energy. It can also save you a ton of money in the long run. The total cost of solar panels can vary dramatically depending on factors like where you live and how many. See more on fixr This Old House

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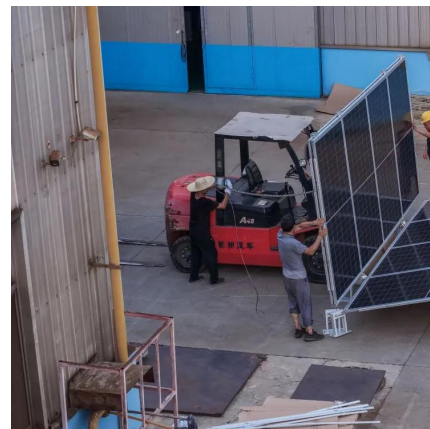


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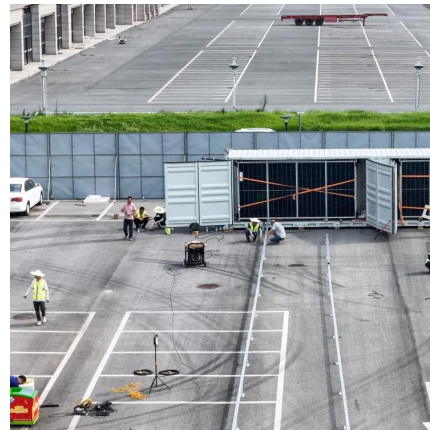


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The average cost of a home solar panel system is about \$30,000. Tax credits and incentives may reduce net cost of solar panels to about \$21,000.

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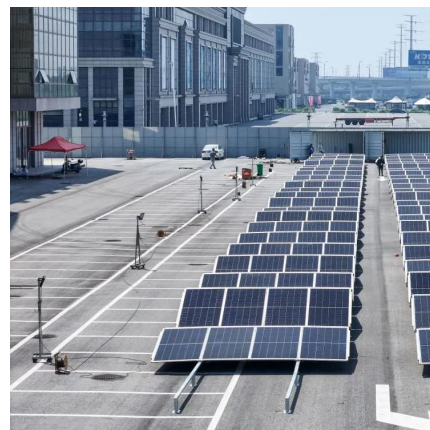


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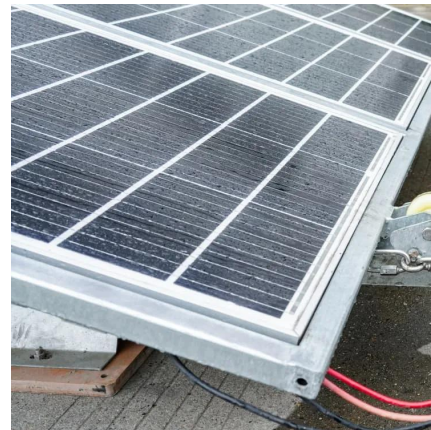


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