



# Solar panel price specifications and models

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How much do solar panels cost?

As of 2025, the average cost of residential solar panels in the U.S. is between \$15,000 and \$25,000 before incentives. This typically translates to about \$2.50 to \$3.50 per watt of installed capacity (more on price per watt below). The total price depends on your system size, location, roof type, and installer.

How much does a monocrystalline solar system cost?

Monocrystalline panels are highly energy efficient and, as such, cost the most at \$1 to \$1.50 per watt. Outfitting a 6 kW solar system costs \$6,000 to \$9,000. Polycrystalline panels cost \$0.90 to \$1 per watt. You can tell them apart from other panels because they're blue.

How much does a CPV solar system cost?

Concentrated photovoltaic (CPV) panels are \$0.80 to \$1.10 per watt. While not as well-known as other types of panels, CPV panels are highly efficient and may grow in popularity. A 6 kW solar system would cost \$4,800 to \$6,600. A single solar cell costs about \$0.30 and most panels use 60 or 72 cells. The more cells in a panel, the higher the cost.

How much does a solar system cost per watt?

Ultimately, many factors figure into the price per watt of a solar system, but the average cost is typically as low as \$2.75 per watt. This price will vary if a project requires special adders like ground mounting, a main panel upgrade, an EV charger, etc.

Use our tool to compare a range of solar panel variants, sizes and available brands and see which solar modules excel depending on your home ...

Shop for and compare solar panels for sale from top manufacturers with the EnergySage Buyer's Guide.

To find the most up-to-date solar panel costs in 2025, we compared research from the U.S. Department of Energy and prices from 54 retailers and ...

Use our tool to compare a range of solar panel variants, sizes and available brands and see which solar modules excel depending on your home energy needs and request a quote for the ...

Compare solar panels - a side-by-side comparison with solar panel pricing, specifications and other

information on popular brands and models.

Panels can cost as low as \$1,890 and as high as \$13,600. This price depends on several factors: The amount of electricity a solar panel produces is measured in watts and ...

See the top recommended types of solar panels, updated pricing info, and the reasons homeowners choose ...

How much do solar panels cost on average? As of 2026, the average cost of residential solar panels in the U.S. is between \$15,000 and \$25,000 before incentives. This typically translates ...

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