



# What is the price of photovoltaic panels this year

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The average 6-kW residential solar panel installation is \$17,852 ...

Average price of solar modules, expressed in US dollars per watt, adjusted for inflation.

In 2025, the average cost of solar panel installations in the U.S. is about USD 2.84 per watt. This means a 4 kW system costs roughly USD 11,360, and a 10 kW system costs about USD 28,400 before tax ...

Based on our 2025 survey of 1,000 solar customers, the national average price for a single solar panel professionally installed is \$1,200. This means most full-size systems of between 20 and 30 panels ...

Today's premium monocrystalline solar panels typically cost between 30 and 50 cents per Watt, putting the price of a single 400-watt solar panel between \$120 to \$200, depending on how you buy it.

The following tables summarize this year's cost benchmarks and resulting LCOE values, for PV-only systems and for PV+ESS. All dollar values are inflation-adjusted to 2023 U.S. dollars (CPI-U=304.7).

NLR analyzes the total costs associated with installing photovoltaic (PV) systems for residential rooftop, commercial rooftop, and utility-scale ground-mount systems. This work has grown ...

Solar CompaniesSize, Weight and Number of PanelsFederal Solar Tax CreditType of PanelsSolar Panel ManufacturerEfficiencyRoof PitchType of MountThe cost of solar panels is dependent on the solar panel company you choose. From the solar equipment system itself to installation costs and add-ons, the price will vary from company to company, and the first step is to consider your options for the best solar companies. See more on [forbes Department of EnergySolar Photovoltaic System Cost Benchmarks](#)The following tables summarize this year's cost benchmarks and resulting LCOE values, for PV-only systems and for PV+ESS. All dollar values are inflation ...



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Solar panel costs range from \$16,600 to \$20,500 for the average 6.5 kW system, but prices can vary from as little as \$7,700 for smaller solar systems to upward of \$34,700 for larger systems.

In 2025, solar cell prices for residential users range from \$2.80 to \$3.80 per watt, but this can vary by the location and size of the system, as well as the complexity of the installation. Thus, a ...

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

Using these numbers, an average-sized 8-kilowatt residential solar system would cost between \$21,900 - \$26,400. Regional pricing differences, the system size, local installation costs, ...

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