

SolarTech Power Solutions

Price of installing 48 kW solar panels



Overview

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Solar panels generate “free” electricity, but installing a system still costs money. A typical American household needs a 10-kilowatt (kW) system to adequately power their home, which costs \$28,241 in 2025. That price effectively drops to \$19,873 after considering the full federal solar tax credit.

As of 2025, the average cost of solar panels in New York is \$3.30 per watt, making a typical 6.9 kilowatt (kW) solar system \$16,632 after claiming the 30% federal solar tax credit now available. This is higher than the average price of residential solar power systems across the United States, which.

The cost of solar panels in New York reflects this sunny opportunity, ranging between \$13,300 and \$21,000 for the average system. While it may cost more to install solar panel systems in New York than other states, local tax incentives, financing programs and unique net metering options can balance.

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.

You'll pay an average of \$13,884 to install a 5 kilowatt (kW) solar panel system in New York before any available incentives. Solar panels typically last 25-30 years, generating free electricity and protecting you from rising utility rates for decades. Compare multiple offers and save up to 20% Why.

For homeowners in New York, the average cost for a professionally installed residential rooftop solar system typically ranges from \$19,000 to \$35,000

before any tax credits or incentives are applied. This guide will provide a comprehensive breakdown of what that investment includes, the key factors.

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Contact Us

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