

# **Cost of solar batteries virginia**





## Overview

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You'll pay an average of \$14,005 to install a 5 kilowatt solar panel system in Virginia, before incentives. Act now: The federal investment tax credit (ITC) lowers the total cost of installing solar by 30%, but only until December 31, 2025 —after that, it's gone. Why trust EnergySage?

As subject.

Take control of your energy costs with solar power. Average solar panel installation costs range from \$9,827 to \$28,078 in Virginia. However, people rarely pay that much upfront. How much you actually spend depends on your financing or lease agreement, what incentives you're eligible for, the size.

Virginia homeowners are saving money with solar installation as electricity prices jumped 21% from 2020 to 2024. With strong sunshine and favorable policies, Virginia creates ideal conditions for residential solar. Whether you're considering solar panels for your home or want to understand the.

The most recent pricing data in the solar industry indicates that the cost of solar panels in Virginia ranges from \$12,000 to \$17,000, depending on your home's energy needs. Given the average home size in Virginia is approximately 2,100 sq ft., the average cost of solar panels in Virginia is around.

As of 2025, the average cost of solar panels in Virginia is \$3.02 per watt, making a typical 7.2 kilowatt (kW) solar system \$3.02 after claiming the 30% federal solar tax credit now available. This is just about the average price of residential solar power systems across the United States, which is.



We offer home solar panels and battery storage across Virginia protected by our leading 25-year warranty. Learn more about VA home solar panels, incentives, cost, tax credits, rebates, frequently asked questions, and savings. How much do solar panels cost in Virginia?

In Virginia, the typical cost of solar panels is \$3.04 per watt, and the average system size is 11 kW. The cost per watt is calculated by taking the total cost of the solar system and dividing it by the system's total wattage capacity. »  
WHAT'S THE DIFFERENCE?

Kilowatt vs. kilowatt-hour Are solar panels worth it in Virginia?

Is solar expensive in Virginia?

Solar is a major purchase, but you can bring down the price tag by being an educated shopper. Taking advantage of incentives and rebates and shopping around for quotes can reduce your cost of solar in Virginia. Additionally, if your federal tax bill is high enough, you can take advantage of the federal tax credit in Virginia.

Are solar panels a good investment in Virginia?

Solar panels are worth it in Virginia, as well as in most other areas. The decision to invest in solar panels depends on several factors, including the cost of electricity, available incentives, climate, and the angle at which the sun hits your roof.

How much does a 5 kW solar system cost in Virginia?

In Virginia, a 5 kW solar system costs \$14,613. Keep in mind that the larger the system, the more expensive it becomes, but the greater the federal tax credit you'll receive.

Does Virginia offer a solar tax credit?

Virginia itself does not offer a solar tax credit. Levelized cost of power from this typical solar system installed on a home in Virginia over 25 years is 5.2 cents/kWh. Average cost of utility power over 25 years (if you don't get solar) is 18.4 cents/kWh.

How much do solar panels cost?



This is lower than the average price of residential solar power systems across the United States which is currently \$3.00 per watt. The size of a solar panel system also plays a role in how much the installation will cost. Larger solar installations will typically have a lower cost per watt, because the panels can be purchased at a 'bulk price'.



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### [Virginia Solar Power: 2025 Costs, Incentives & Savings](#)

Our Virginia solar cost calculator uses real installation data from homeowners across Richmond, Virginia Beach, Norfolk, Chesapeake, and Newport News. Get personalized estimates based on actual local projects, not generic nationwide ...

### [Virginia Solar Panel Costs: Is It Worth It? \(2025\)](#)

Solar battery prices depend on the battery's capacity, life span, brand and other factors. Expect to pay between \$7,000 and \$18,000, though some cost \$30,000 or more.



### [Virginia Solar Panel Costs: 2025 Expert Guide](#)

We offer home solar panels and battery storage across Virginia protected by our leading 25-year warranty. Learn more about VA home solar panels, incentives, cost, tax credits, rebates, ...

## Cost of Solar Panel in Virginia: How Much Does Solar Really Cost?

But how much does the cost of solar panels in Virginia? Dive into the detailed breakdown of the cost of solar panels in VA below, or request a



custom solar quote for your ...



### Cost of Solar Panels in Virginia: Costs, Savings, and Return

It isn't easy to pin down an exact cost of solar panels in Virginia, but the cost per watt runs about \$2.65 - \$2.95, compared to a national average of \$2.51 to \$3.31 per watt.

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### How much does solar cost in Virginia? , Solar Calculator VA

Calculate your solar panel costs and savings in Virginia. Get instant estimates for system size, production, tax credits, and SREC income. Free solar calculator tool for VA homeowners.



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### [Solar Panels Cost 12k-23k in Virginia , August, 2025](#)

On the left and below, you can see the cost breakdown for different sizes of the solar panel systems set up in Virginia. When you choose a larger solar system, the cost is ...

### [Virginia Solar Panel Costs: 2025 Expert Guide](#)

If you enter your details into the solar calculator below, you will get a solar cost and savings estimate and find out how much solar panels will cost for your home based on current offers ...



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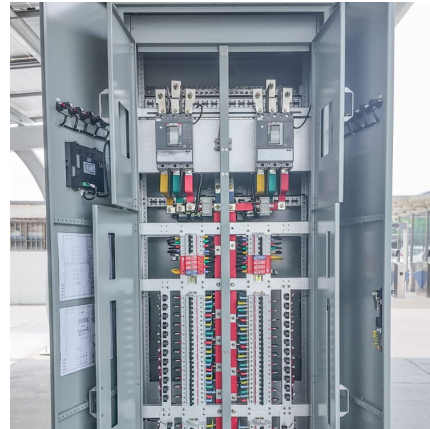
But how much does the cost of solar panels in Virginia? Dive into the detailed breakdown of the cost of solar panels in VA below, or request a custom solar quote for your home in just minutes!

### **Virginia Solar Panel Cost: Savings and Payback (August 2025)**

On average, a solar power system in Virginia can lower your electricity bill and pay for itself over



time. Below you can see power generation, cost, and savings of different ...

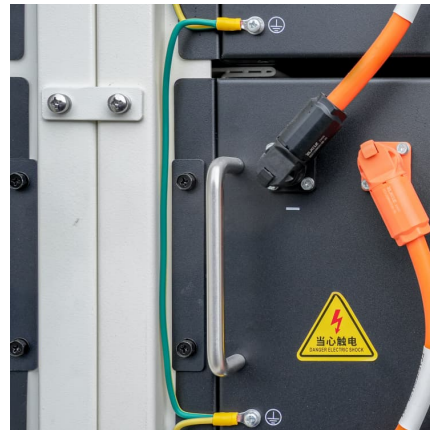


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