



# Solar shingle prices

How much does a solar roof cost?

The cost of solar roofing tiles is \$21 to \$40 per square foot installed or \$4 to \$14 per watt, depending on the brand, style, roof size and complexity, and kW needed. Solar shingles typically cost more than solar panels. \*Includes roof replacement. Before tax credits and incentives. Get free estimates from solar panel installers near you.

How much do Solar shingles cost?

Solar shingles cost more than traditional solar panels. According to the Solar Energy Industries Association (SEIA), residential solar panels cost an average of \$3.42 per watt in 2023, which works out to roughly \$17,000 for a standard 5-kW system.

Are solar roof shingles worth it?

Solar roof shingles are typically not worth the high cost and may not pay for themselves in their lifetime. However, a solar roof reduces electric bills, is usually considered more aesthetically appealing than solar panels, and is more likely to receive HOA approval in some communities.

How much do Luma solar shingles cost?

Luma Solar's shingles cost \$28 per square foot installed for the roof plus \$4.50 per watt for the solar system. Luma Solar offers a complete roof replacement that includes active photovoltaic and inactive tiles to give the roof a sleeker, seamless design and more uniform appearance than other brands.

How much do GAF solar shingles cost per watt?

GAF's solar shingles have a power rating of 45 watts and cost between \$3 and \$6 per watt. They manufacture both solar shingles and solar roof tiles, allowing homeowners to choose which product matches their roofing material.

How much do solar panels cost?

According to the Solar Energy Industries Association (SEIA), residential solar panels cost an average of \$3.42 per watt in 2023, which works out to roughly \$17,000 for a standard 5-kW system. Solar shingles, on the other hand, typically cost \$21-\$25 per square foot, or an average total of \$55,000.

How Much Do Solar Shingles Cost? Solar shingles cost more than traditional solar panels. According to the Solar Energy Industries Association, ...

Install Solar Roof and power your home with a fully integrated solar and energy storage system. The glass solar tiles and steel roofing tiles look great up close and from the street, complementing your home's natural styling.



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Factors Influencing the Cost of GAF Solar Shingles. When considering the cost of GAF solar shingles, several factors come into play. Understanding these will help you make a more informed decision. ... In total, homeowners can expect to pay between \$17,000 and \$25,000 for a complete GAF solar shingle system, including both materials and ...

But, because solar shingles are a newer product, you can expect an installation to be higher than conventional solar panels. But, the Solstice shingle price will probably be lower than its biggest competitor, the Tesla Solar Roof, mostly because Tesla's solar shingle option requires a complete roof replacement with expensive roofing materials.

The average price for overlaying solar roof tiles can be between \$15,000 to \$20,000, and Tesla shingles can cost more, around the \$70,000 mark, in addition to a lengthy installation process. Cost to Install Solar Shingles. The installation cost of solar shingles can quickly climb to \$21 to \$25 per square foot or \$1,100 to \$2,600 per roofing square.

Solar shingles cost vs panel prices are drastically different. Traditional solar panels usually cost \$2.40 to \$3.60 per watt, including installation, while solar roof costs begin at \$6 per watt. The cost of traditional solar panels ...

CertainTeed's Solstice solar panel systems cost approximately 30% less than the company's Apollo solar shingle or tile systems. For an average house of 2,500 square feet, CertainTeed's Solstice solar panel installation ...

Most Luma installations fall in the \$41,500 to \$70,000 range before factoring in incentives. However, many factors can impact your overall cost. Luma solar shingles installed on a small, 500-square-foot area, such as a carport, could cost as little as \$8,500. On the other hand, a monumental one-story, 6,000-square-foot installation can set you back as much as \$168,000.

The biggest downside is the price. Solar shingles cost roughly 60-190% more than solar panels for the same amount of power output. ... SunTegra's Solar Shingle comes in second in terms of performance at 15.9 watts per ...

GAF's solar shingle design combines the conventional asphalt roof shingle material it's known for with the monocrystalline solar cells of a solar panel. ... However, with the recent release of the Timberline Solar ES2, prices could get ...

On average, a full solar shingle roof ranges from \$20,000 to \$60,000, depending on the roof size, energy requirements, and brand chosen. This translates to about \$20 to \$30 per square foot. Here's a snapshot of costs from popular manufacturers: Gain Solar: \$21-\$28/sq ft. ...

Water-shedding and warranted . Timberline Solar &#174; is made up of shingles, not panels or heavy tiles.



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These shingles are water-shedding, strong and warranted to withstand winds up to 130 mph. Rack-mounted solar installations--where the solar is separate from the roof--require the drilling of dozens of holes into the roof membrane. Any resulting damage ...

CertainTeed currently offers one solar shingle, the Solstice Shingle (previously, it offered the Apollo II system and Apollo Tile II system). Each Solstice Shingle contains 14 solar cells, which enable a total output of 70W ...

Solar Roofing Product: Cost Range: CertainTeed Solar Shingle (Apollo II) \$6.40 - \$8.00 per watt: SunTegra Solar Shingle: \$5.70 - \$6.40 per watt: CertainTeed Solar Tile (Apollo Tile II) \$7.65 - \$10.00 per watt: SunTegra Solar Tile: \$6.16 - \$7.81 per watt

The company was founded in 2007, and it has been the leading solar shingle brand ever since. As a luxury brand, Luma Solar offers the only upgradable solar shingle system on the market. While regular solar shingles can produce between 13 and 64 watts, each Luma Solar shingle can generate a maximum of 80 watts of energy. Their operating ...

Cost to Install Solar Shingles. The cost of a solar shingle system varies greatly with your home's square footage, energy needs, shingle manufacturer and the solar installer. Some systems, such as RGS Powerhouse, may only run ...

Dow put the POWERHOUSE shingle on the shelf in 2016. In March of 2018, RGS Energy reached a licensing agreement with Dow to manufacture the POWERHOUSE 3.0 shingle. RGS (Real Good Solar) has been an installer of solar equipment for four decades and has members of the original Dow team working on this product. PowerHouse 3.0 BIPV solar tiles ...

How Much Do Solar Shingles Cost in 2025? The average cost of solar shingle installation is \$55,800, but the cost typically varies from \$42,600 to \$69,000. As electricity costs continue to rise, more homeowners are turning to ...

The cost of solar is directly tied to how well a solar panel produces electricity. Despite launching its Solar Roof seven years ago, Tesla still hasn't revealed the shingles' efficiency--one of the most important factors impacting your return on investment (ROI). ... Without Tesla's data, we estimate that typical solar shingle brands range ...

Based on multiple estimates, solar shingle installation can cost \$20 to \$30 per square foot. This totals \$40,000 to \$60,000 for a 2,000-square-foot roof. ... The total cost of solar shingles ...

Disadvantages of a solar roof. Despite the hype around solar shingles, they still fall short of PV solar panels in some ways. Cost: Unless you also account for the cost of a new roof replacement, solar shingle installations are almost always more expensive than solar panels, with higher upfront costs and slower returns on



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investments.

Cost Analysis: Solar vs. Asphalt Shingle Roofs. Yes, asphalt shingles cost a very modest \$3 to \$5 per square foot to install -- and solar shingles may set you back \$21 to \$25 per square foot. However, solar shingles generate power (directly leading to monthly savings), and asphalt shingles can't. Handsome rebates can reduce your upfront ...

Most solar shingle installations cost somewhere between \$3.80 and \$7.00 per watt of solar installed. Tesla's solar roof costs less, at just \$1.80 per watt, but it requires a full roof replacement and expensive materials - making the total cost one of ...

It has a non-solar portions cost of \$9.75 per square foot and a \$3.75 per watt cost related to the solar parts, which are quite competitive compared to the previous brands mentioned. Also, it has a weatherization ...

Typical solar shingle roof installations lower the utility bills by 40% to 70%, which means your annual electricity cost would be reduced to around \$515 to \$1,029. This is a savings of \$686 to \$1,200 per year.

We developed the first fully-integrated solar roofing system in North America, perhaps the world. We are also the only upgradeable solar shingle system. Luma Solar brings clean energy to customers who want beauty and quality craftsmanship. Our award winning and patented systems are designed to enhance your property - not detract from it

Although solar panel shingles cost more than traditional solar panels, solar shingles are becoming increasingly popular due to their aesthetics and durability. The average cost of solar shingles is \$21 to \$25 per sq.ft. ...

Solar (Solstice&#174; Shingle): \$18-\$25/sq ft installed. 25-30 years, 150 MPH, Class 3 hail, SRI 10-30. Energy-generating, 50 watts/shingle. Notable Specialty: Landmark Pro&#174; ...

The solar shingle roof cost per square foot ranges from \$21 to \$40. This rate typically includes the expenses for both materials and labor. Understanding your price per square foot can help in creating a more accurate ...

Solar Costs Reported: Cost of a 10-kW PV System: NREL Technical Report 2022: US Solar PV System and Energy Storage Cost Benchmarks: \$2.95 per watt (modeled market price for a 7.9-kW solar PV ...

Synthetic slate: Most cost-effective slate alternative. Solar shingle: Best energy generation. Asphalt shingles: Best overall value. Asphalt shingles are the most widely used roofing material. They provide the best overall value, combining affordability and variety, with lifespans of 15 to 30 years.



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