

# Meet Solar Roof

**Generate clean energy from the sun with the tiles on your roof—no traditional panels needed.**

Solar Roof is designed and engineered to maximize your solar energy production, protect your home from severe weather and enhance your home's appearance. The result is electricity bill savings, outage protection with Powerwall and greater energy control with the Tesla app.



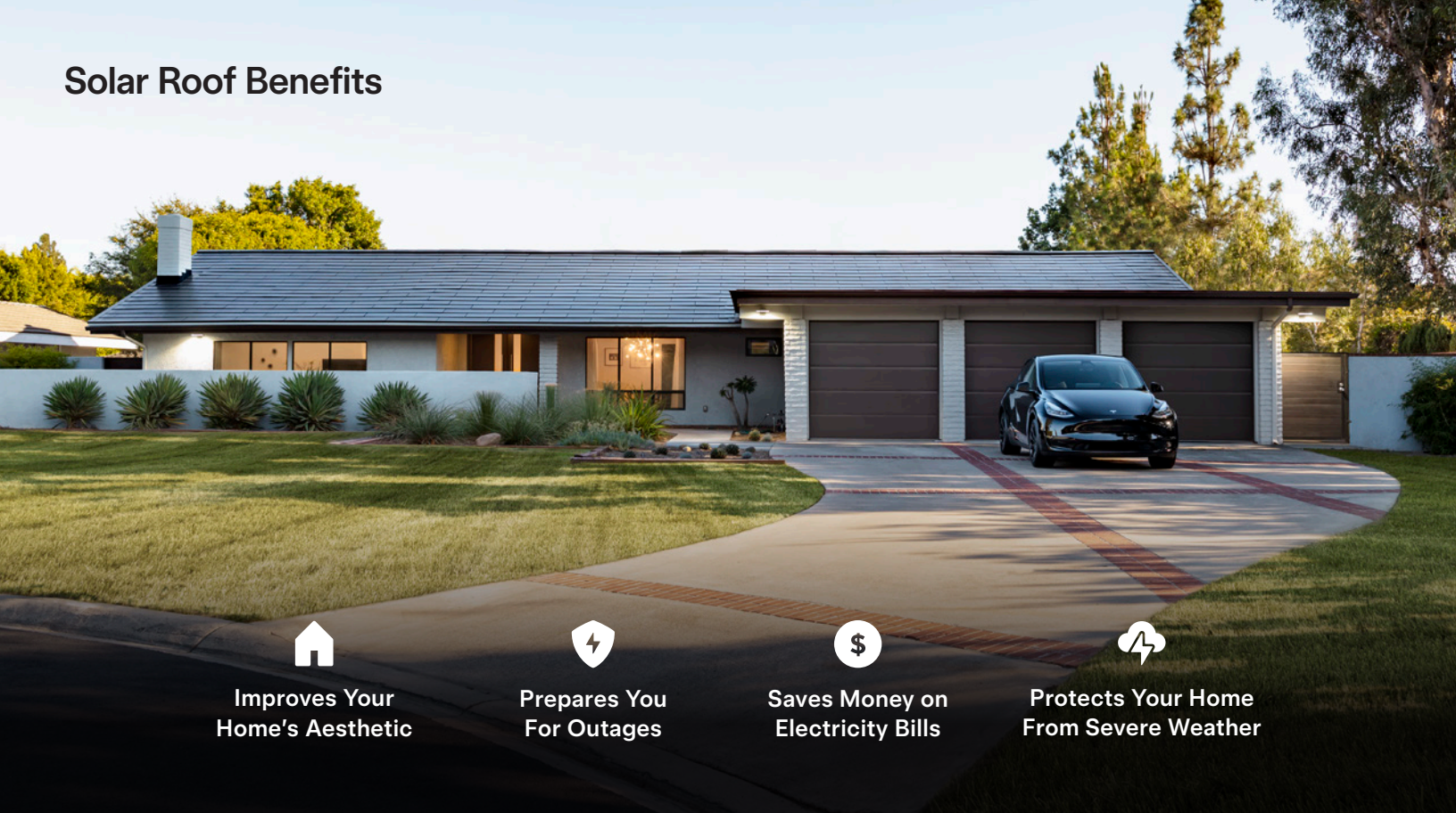
**Energy**

Version 1.0

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# Solar Roof Benefits








## Improved Aesthetic and Curb Appeal

Solar Roof generates clean solar energy for your home while making your home more beautiful in the process. Unlike traditional solar panels, Solar Roof tiles are designed to blend into your home's existing roof structure, complementing your home's aesthetic styling.

Designed for large and small homes alike, Solar Roof is compatible with a variety of home styles and is suitable for any geographic location.

## All-Weather Protection

Solar Roof is designed to withstand severe weather, protecting your home and your family.





-  **Hail**  
Class 4 hailstone rating – highest available
-  **Wind**  
Class F wind rating – highest available  
Tested up to 194 mph
-  **Fire**  
Class A fire rating – highest available
-  **CA Cool Roof Compliant**  
Keeps your house cooler and energy bill lower
-  **Snow Load**  
Snow slides off and does not burden the roof with excess weight

## 24/7 Outage Protection

When you pair Solar Roof with Powerwall, our whole-home backup battery, you can use your own energy anytime you need it, including when energy prices go up in the evening or when power outages occur.



## Powerwall Benefits

-  Stores the excess solar energy your Solar Roof generates during the day so you can use it later.
-  Activates Storm Watch when severe weather is predicted, charging to its maximum capacity.
-  Heat Mode uses residual energy in Powerwall to maintain battery performance in freezing temperatures.
-  The Tesla app gives you detailed reports about your energy generation and usage history over time so you can manage your storage and monitor your usage more intentionally.

With 24/7 outage protection, you'll be able to keep all your key appliances running during an outage, including large appliances like heaters, air conditioners, washers and driers.

During emergencies, you'll be able to use your stored energy to charge your EV, power equipment like water pumps or saws, open garage doors and more.

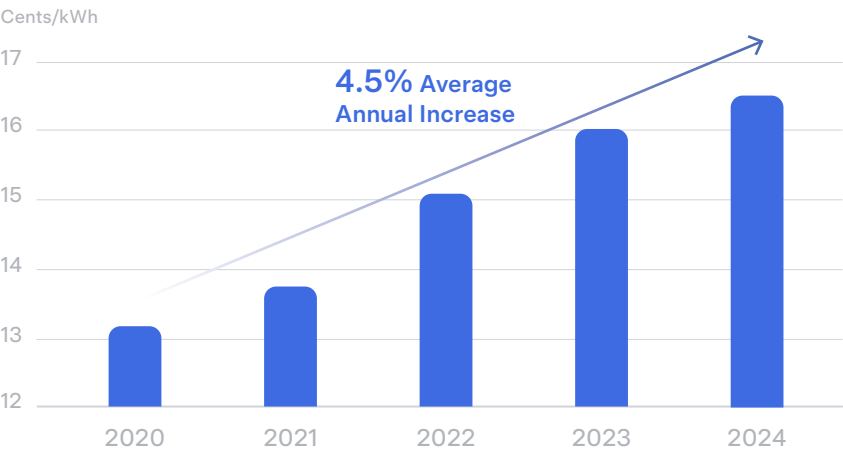




## Electricity Bill Savings

Every year, energy prices are continuing to increase across the U.S. With Solar Roof, you can protect yourself from increasing rates and surge pricing by generating and using your own energy.

Average Price of Electricity Across Entire U.S. Over Past Five Years<sup>1</sup>



## Financing Options Available

There are a number of ways to finance your Solar Roof purchase. Speak with your financial advisor to determine which option is right for you.

- Cash
- Loan
- Home refinancing or inclusion in your new home's mortgage



[Learn More](#)  
About Solar Roof

1. Electricity Data Browser. U.S. Energy Information Administration, <https://www.eia.gov/electricity/data/browser/>