

Frequently Asked Questions

How long do solar panels last?

Your solar panel system is outfitted with durable solar panels and high-quality electrical equipment. Tesla does not make performance guarantees outside of your warranty period, but you can expect your solar panel system to continue to produce clean energy for years.

How do I get my system fixed?

Tesla has in-house crews in our service areas across the US. Many issues can be resolved remotely by our technical support line. If your system has an issue requiring onsite support, you will be able to schedule a time for a Tesla crew, Tesla-certified technician or subcontractor to come to your home to resolve your issue.

Do solar panels need maintenance?

Tesla solar systems do not require regular maintenance. You may, however, choose to occasionally clean your solar panels to improve energy generation.

How do I clean my solar panels?

If you decide to clean your solar system, you can rinse your panels with water from a garden hose or safely use soapy water with a non-abrasive sponge. Doing this once or twice a year can improve solar production by 3% to 5%.

Here are some ways in which Tesla batteries can enhance efficiency:

1. **Energy Storage:** Tesla Powerwall batteries store excess energy generated by solar panels or during off-peak hours when electricity rates are lower. This stored energy can then be used during peak hours or when solar generation is low, reducing reliance on the grid and potentially saving money on electricity bills.
2. **Load Shifting:** By storing energy during times of low demand and using it during peak demand periods, Tesla batteries can help homeowners avoid high electricity rates during peak hours, contributing to overall energy efficiency.
3. **Backup Power:** Tesla Powerwall batteries provide backup power in the event of a grid outage, ensuring continuity of electricity supply. This feature enhances reliability and can be especially valuable in areas prone to blackouts or unreliable power grids.
4. **Grid Independence:** Homes with Tesla batteries coupled with solar panels can potentially achieve greater energy independence from the grid, especially in areas with high solar potential. This can provide long-term savings and reduce reliance on fossil fuels.