

Do photovoltaic panels need to be cleaned





Overview

In general, it's recommended to clean your panels at least once or twice a year. If you live in a dusty or heavily polluted area, you may need to clean your panels more frequently. While uncleaned panels will still work, dust and soiling (like on a car windshield) will lead to lower production output. Do solar panels need cleaning?

There are some instances where solar panels might need cleaning, but most of the evidence says solar panels are self-sufficient and low-maintenance. We'll get to the best way to clean your solar panels in a minute.

How often should a solar panel be cleaned?

Solar panels require very little maintenance, especially if they are on a tilt, as rain can wash away any debris. It is generally recommended that you perform solar panel cleaning between two and four times per year. Take extreme care when cleaning. Clean from the ground, as climbing around on your roof can be dangerous.

Do bifacial solar panels need to be cleaned?

For example, bifacial solar panels may need cleaning on both sides. When cleaning, treat your solar panels like you would a pair of glasses. Debris is temporary and can be carefully removed, but a scratch is permanent. If you do clean your panels, here are some things to keep in mind:.

How do you clean a solar panel?

Use a soft-bristled cleaning brush and a non-abrasive cleaner. Be sure to clean the panels early in the morning before they get too hot from the sun; cold water and hot panels do not mix! Solar panel maintenance and cleaning is not covered under panel warranties, but if your solar panels are damaged, they will usually be covered.

How do I know if my solar panels need cleaning?



It is best to conduct a monthly visual inspection so that you can see any noticeable dirt and grime accumulation. Another good way to determine if your solar panels need cleaning is referring to a solar system tracking app or electricity bill; this method can pinpoint any decline in production.

Do solar panels need maintenance?

Despite equipment lifespans of over 25 years, solar panel maintenance is relatively minimal for homeowners with renewable energy systems. When the rare bit of solar maintenance is required, however, executing the necessary upkeep is essential to ensure optimal system performance.



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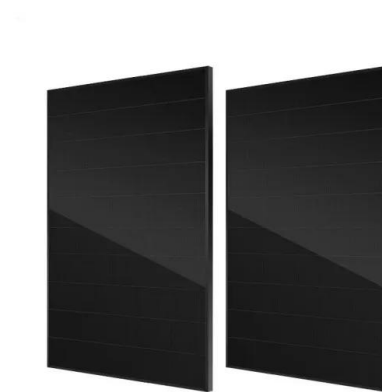
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