

Solar panel replacement price





Overview

Solar panel costs in 2025 depend on system size, installation, and region. The average cost per watt ranges from \$2.50 to \$3.50, translating to \$12,500 to \$17,500 for a 5-kilowatt system. How much does a solar panel cost?

From 2010 to 2020, solar panel prices dropped by nearly 90%, with costs per watt falling from approximately \$3.86 to \$0.38 globally (source: IRENA). This decline slowed in recent years but remained consistent. Between 2020 and 2025, residential solar system costs, averaging \$2.50 to \$3.50 per watt in 2025, decreased from \$3 to \$4 per watt in 2020.

How much do solar panels cost in 2025?

In 2025, average solar panel costs continue to decrease due to advancements in technology and economies of scale. Prices vary by system type, size, and installation needs. Residential solar panels typically cost between \$12,500 and \$17,500 for a 5-kilowatt system.

How much does a solar battery cost?

They store the energy accumulated from the solar panels. The price varies based on the installer, application and location. Batteries typically cost \$12,000 to \$22,000, according to the Department of Energy, although smaller capacity systems are available for less. In some cases, solar batteries may be more expensive than solar panels.

How much does it cost to clean solar panels?

Solar panels require very little upkeep. If you're able to clean the solar panels yourself, the only maintenance cost will be the water used to hose them down. If you hire a professional to clean your solar panels, it will cost around \$100 to \$350, on average.



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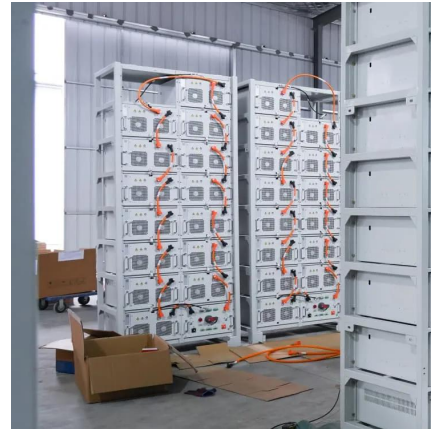
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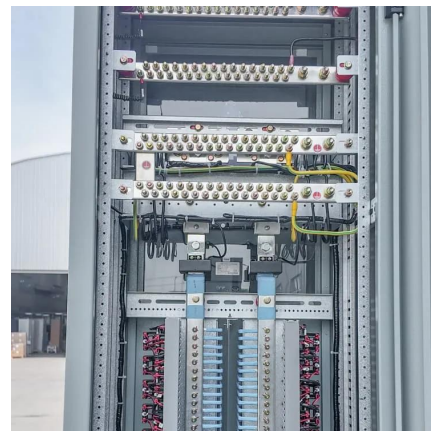


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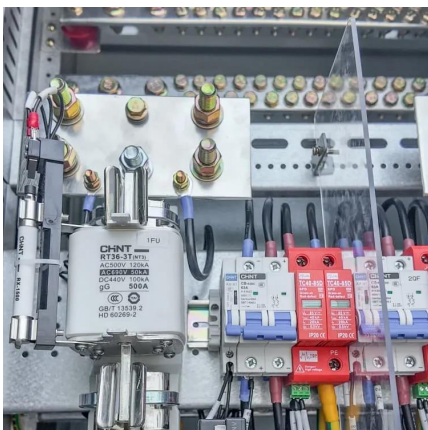


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