



# Buy a rooftop and install solar power yourself

Should you install solar panels on your roof?

Installing solar panels on your roof can both save you energy costs and reduce your home's environmental impact. Even though there are some DIY solar panel options, installing them is a highly complex project, and you'll still need assistance from an experienced professional.

Can I install my own solar panels?

Although DIY options are available, hiring a professional solar company is best to ensure your panels are correctly and safely installed. Yes, it's possible to install your own solar panels. However, DIY installations require electrical skills and advanced knowledge of solar energy that most DIYers don't have.

Is a rooftop solar installation right for You?

Most homeowners opt for a rooftop solar installation to maximize their exposure to daily sunlight. However, these installations require ample roof space and may not be suitable for everyone. Here's what to consider: Sun exposure: South-facing roofs receive the most sunlight in the Northern Hemisphere (and vice versa in the Southern Hemisphere).

How to choose a solar roof?

Solar rooftop panels are installed using solar mounts. Identifying the area for solar panel installation helps determine how many solar mounts you need. Also, while identifying the total rooftop area, you can specify the extent of shade-free area. Ascertain the endurance capacity of the roof, as the solar panels are bound to weigh heavy on it.

Are rooftop solar panels safe?

Being mounted on the roof, they are safely out of reach for vandalism or theft. Cons: Rooftop solar panels cannot be integrated with just any rooftop and require an unshaded, south-facing roof for optimal performance. Despite being economical, the upfront cost of installing rooftop solar panels is still high.

How much does a DIY solar panel installation cost?

A DIY solar panel installation can save homeowners thousands of dollars in upfront installation costs. The average cost of solar panel installation by a professional solar company is around \$2.95 per watt. For a typical 5 kW (5,000 watt) solar panel system, that works out to \$14,750.

When you are installing your solar panels, you'll be able to adjust the tilt angle. Doing this will optimize the efficiency of the panel's performance. Keep in mind, you only need to consider tilt angle when installing a DIY solar system on a ...

Our ready-to-install DIY solar system kits include certified products, with everything needed to self-install



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