

## SolarTech Power Solutions

# Garden solar system installation



## Overview

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How do I install solar panels?

Ground-mounted panels can be installed anywhere with good sun exposure and enough open space. A minimum of 350 square feet is usually required. Installing solar panels requires the following steps: Plan the solar energy system based on the home's size, location and energy needs. Measure, cut and assemble the support structure for the solar array.

Should I choose a roof or a ground-mounted solar system?

If your roof works for solar and can fit enough solar panels to meet your energy needs, it's usually best to choose rooftop solar panels. If you need a really large system that won't fit on your roof and you have enough open land, opt for ground-mounted panels. Each property is unique.

How much does a ground-mounted solar system cost?

Ground-mounted solar panels operate like a typical rooftop system but are generally more efficient. Ground-mounted solar panel installations cost about \$42,140 after the federal tax credit. They're usually more expensive than roof-mounted systems but can maximize your renewable energy production depending on your roof's orientation and shading.

Why should you choose a ground-mounted solar system?

With a ground-mounted system, you can choose the orientation of your solar panels to increase energy production. Ground-mounted systems also tend to operate more efficiently because they have more air circulation beneath the panels, allowing them to stay cool. Ground-mounted solar panels are easily accessible for cleaning and maintenance.

Will my land support ground-mounted solar panels?

To be sure your land can support ground-mounted solar, you should work with a soil or structural engineer to help survey your property. Between the

equipment cost and the intensive installation work, ground-mounted solar panels usually have a higher upfront cost than rooftop panels.

How do I install a solar power inverter?

Install solar modules, panels and support structures according to local building codes and standards. Connect the solar power inverter to the electrical system. Apply weather sealant to the equipment being installed. Activate and test solar energy systems.

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### Contact Us

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