

## SolarTech Power Solutions

# Install an outdoor power supply at home



POWER UP INDOORS&OUTDOORS

## Overview

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How do you connect an outdoor outlet to an indoor outlet?

If you use another outdoor outlet as the power source, house your connecting cables in a 1/2-inch metal conduit. This guide will assume you are tapping into an appropriate indoor outlet opposite where you plan to install the outdoor electrical outlet. Turn off the power at your circuit breaker.

Can you install an outdoor outlet in a house?

The outlet is always hot, and the switch controls only the light. If you don't have an outdoor box to tap into, consider installing an outdoor outlet in your house. You can expand the project to include additional outlets, switches and lights. The techniques for running the wire and mounting electrical boxes are the same.

Do you need outdoor electrical outlets?

According to a recent survey, over 60% of homeowners expressed a desire to have outdoor electrical outlets for convenience. Whether it's for festive lights, garden tools, or an outdoor kitchen, having power outside can transform your outdoor experience. In this DIY guide, we'll walk you through the process step-by-step.

How do you install a power outlet cover?

Screw down the mounting tabs on the outlet. Screw on the cover gasket around the outlet. Then install the cover. Inside, trim the interior end of the cable so that you have 4-inches sticking out of the electrical box. Remove the cable sheathing down to 1/2-inch. Use wire strippers to strip 1/2-inch of insulation from each individual wire.

How do I install a new electrical outlet?

Use a stud finder to find the exact locations of the wall studs before you begin drilling or cutting. Insert a 1/4-inch by 18-inch twist drill bit in the hole at a

downward angle, so that the new outlet will be below the indoor outlet, not directly behind it. This will ensure you have enough room for both electrical boxes in the wall cavity.

How do I choose a good outdoor outlet?

**Proximity to indoor outlets:** Ideally, your outdoor outlet should be close to an indoor one. This makes the wiring process simpler and more efficient.

**Avoiding high-traffic areas:** You don't want people tripping over cords or the outlet itself. Choose a location that's accessible but not in the way of foot traffic.

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