

## SolarTech Power Solutions

# Is it easy to assemble an outdoor power supply



## Overview

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Can I use an outdoor power point from a socket?

However, you might be able to supply an outdoor power point from a socket in an attached garage, as long as this isn't already on a spur. If you're fitting an outdoor socket, you'll need to make sure it's weatherproof and has purpose-designed fittings.

Can a 12V solar panel be used for outdoor projects?

Learn how to assemble a 12V solar panel from cells, which can then be used for some outdoor projects in the future! The inspiration can come from anywhere — perhaps an especially power-hungry weather station or it's FPV rover inspired.

Do I need an external power point?

If you regularly use electrical equipment outdoors, such as a lawnmower or hedge trimmer, an external power point will make life easier and safer. Importantly, it should feature a residual current device (RCD) that will help to protect you from the risk of fatal electric shock.

Are IP68 rated sockets good for outdoor use?

Ideally choose IP68 rated sockets for outdoor use. You can't bore a hole for a cable through the external wall of a modern timber-framed building. This is because the interior cavity is filled with insulation material and contains a vapour barrier, which you mustn't break.

Do I need a weatherproof socket?

Ensure your circuit has RCD protection, and that you use appropriate weatherproof outdoor fittings. Your socket must have a weatherproof cover to protect it when you're not using it, as well as a surface mounting box with seals to stop moisture from getting in.

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