

# **Production of outdoor soldering iron power supply**





## Overview

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What is a soldering iron used for?

A soldering iron is used to heat the metal (base material) of the part to be soldered. The solder is then melted onto the metal (due to wetting and capillary action) to create an alloy of the metal and solder at the connection surface. What are components of solder?

There are many kinds of solder according to the applications and the ingredients.

How many soldering iron products are there?

There are 10 products. 30W Mains soldering iron with spare tip (1mm pointed), holder, aluminum desoldering pump with spare tip and 'O' ring, solder, soldering grease, 4.5" wire cutters.

How much power does a soldering iron have?

The iron has a very slim handle with screen and 65 Watts of power. The soldering iron is suitable for all soldering works you can think of and is very flexible. The iron can be powered with 12-24 V via the built-in DC5525 connector. This not only allows the iron to be powered by a socket, but it is also possible to power it with a battery.

What is soldering & why is it important?

Soldering is a fundamental process in the manufacturing of reliable, high-performance power supplies. This article explores the core principles of soldering, from the materials involved to best practices for achieving optimal results.



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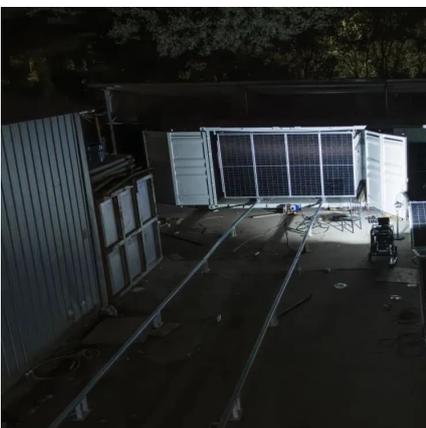
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