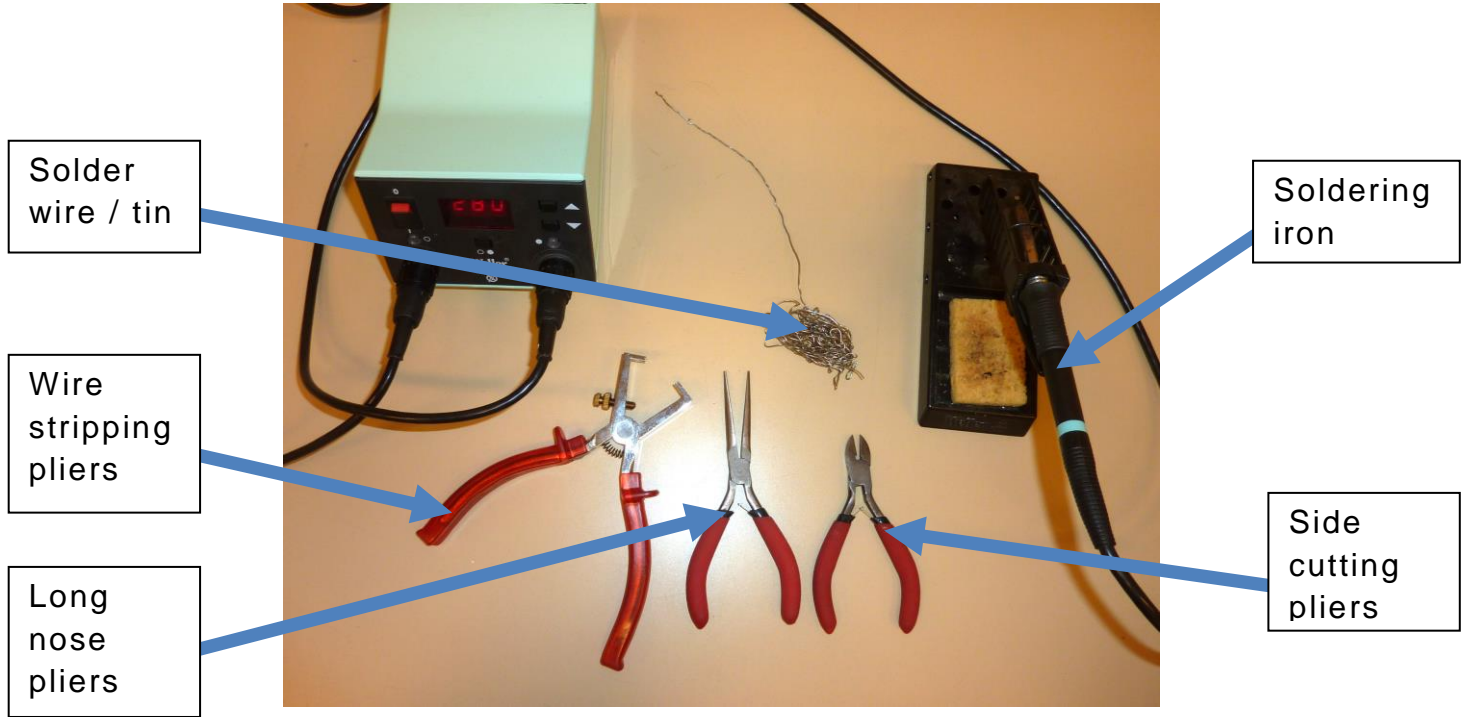


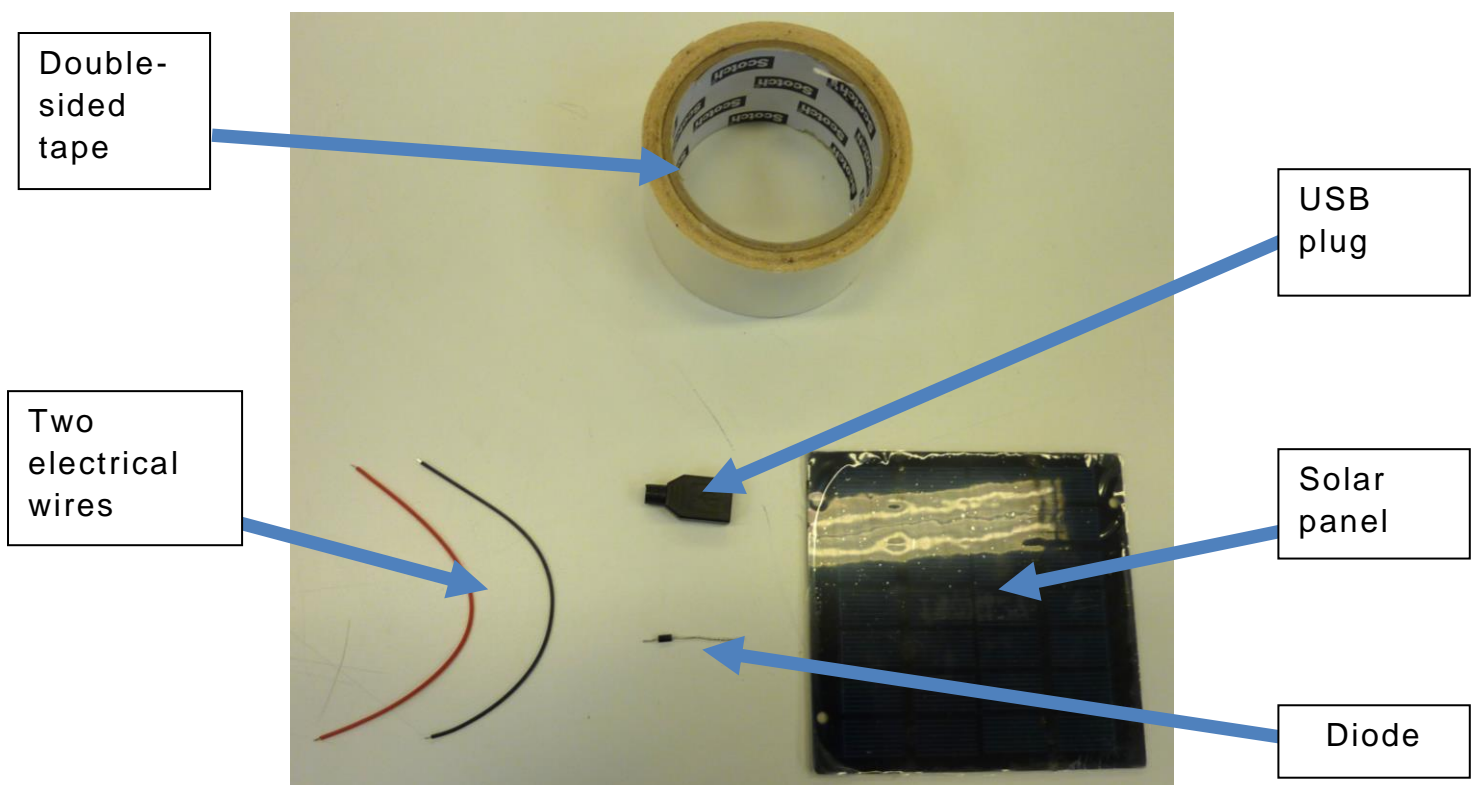
Tutorial: how to manufacture your portable solar charger



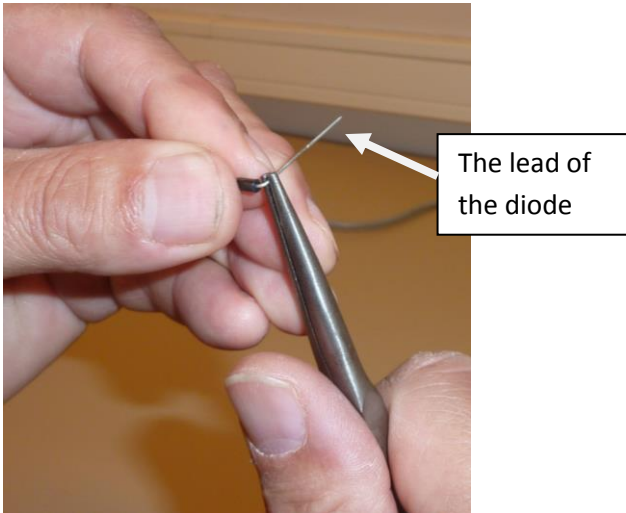
1. First you will need the following tools.



2. And also the following materials and components.



3. Here are the different steps of the manufacturing of your portable solar charger



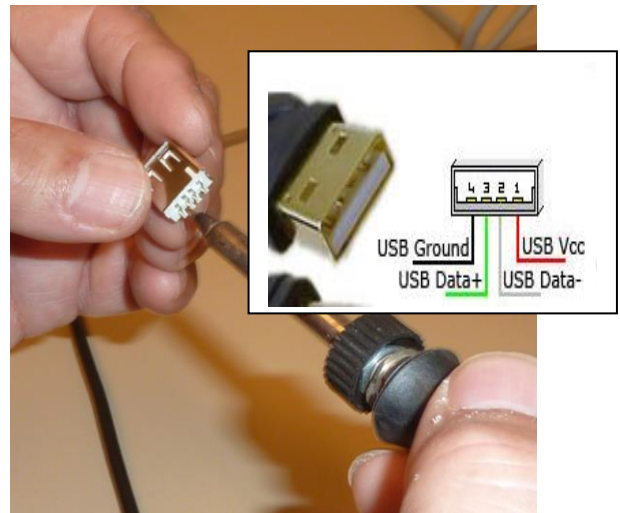
Fold and shorten the lead of the diode with the long nose pliers



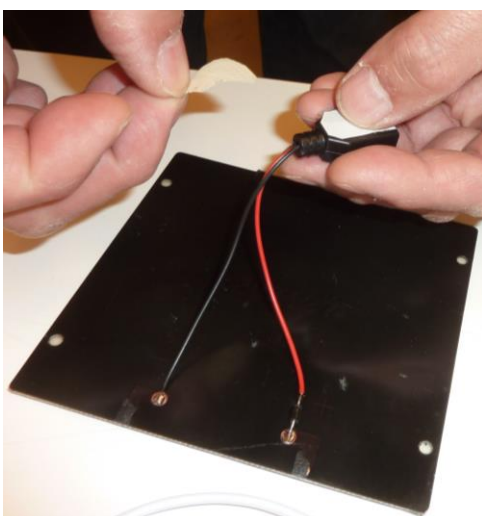
Solder the diode to the solar panel using the soldering iron and some solder wire



Solder the electrical wire to the solar panel



Solder the USB plug



Attach the USB plug on the solar panel with the double-sided tape



Test your portable solar charger outside.

Note that you will need sunshine ☀️ for it to work!