

# Make a solar cell cabinet





## Overview

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How to make a solar cell?

In order to make your own solar cell, you will need a collection of materials that you can source from basic electronic components stores or online. The primary material for your solar cell is silicon. It's an abundant, non-toxic element that forms a great base for converting solar energy.

Should you DIY a solar cell?

Going the DIY route in creating your solar cell not only provides practical understanding and skills, it can also make solar power more accessible by bringing down costs, encouraging local enterprise, and fostering a sense of empowerment and accomplishment.

How do you encapsulate a solar cell?

Apply an anti-reflective coating to the front of your solar cell. This coating will help increase efficiency by decreasing the amount of light that is reflected off the cell's surface, ensuring more light gets absorbed. Encapsulation involves sealing the solar cell with a protective layer to ensure the longevity and safety of the device.

What materials do you need for a solar cell?

The primary material for your solar cell is silicon. It's an abundant, non-toxic element that forms a great base for converting solar energy. Along with silicon, you'll need other items like conducting wires, metal plates, soldering materials, boron, phosphorus, and some additional components depending on your specific cell design.



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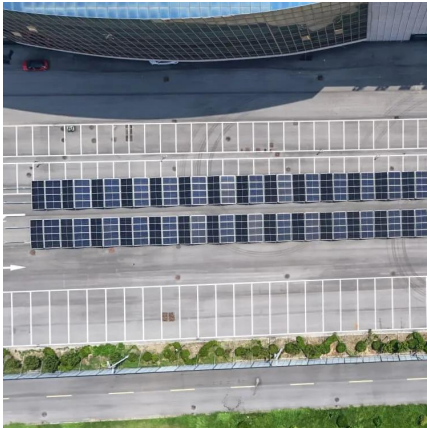
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