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POWER / SOLAR / PANELS / ROUND SOLAR PANEL SKILL BADGE - 5V / 40MA

Round Solar Panel Skill Badge - 5V / 40mA

PRODUCT ID: 700

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DESCRIPTION

TECHNICAL DETAILS

DESCRIPTION

This skill badge is self-fulfilling! Normally you would get the badge *after* the project is done, but in this case, the badge can be part of the project! The solar panel is epoxied into a round disc 55mm diameter (about 2.2 inches), its rugged and looks cool besides. We include a sticky foam pin back you can attach to the back of the panel to mount it onto a backpack, jacket or sash.

Of course, it also is a perfectly functional solar panel. There are 10 slivers of solar cell inside for a 5V rated voltage in sun. The output is about 40mA when in bright sun, less in shade or cloudy weather. You can use this to power small, low power projects with a small low power microcontroller or chip and maybe an LED.

The epoxy coating makes this panel rugged and waterproof on the front. The back has points for soldering. If you want to make this fully waterproof you'll need to dab waterproof epoxy

onto the back to cover the solder points once you've attached wires

TECHNICAL DETAILS

- 10 x Polycrystaline solar cells
- Rated output: 5V @ 40mA
- 55mm diameter x 3mm thick
- Solder points on the back
- Weight: 8.9g

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Skill Badge Requirements: Solar
Learn about solar panels and solar technology

Collin's Lab: Solar
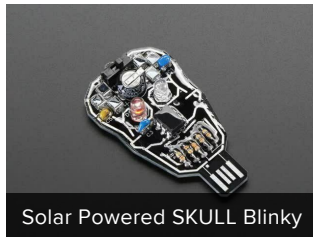Harness the power of our nearest star.

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"If you want to build a ship, don't drum up people to collect wood and don't assign them tasks and work, but rather teach them to long for the endless immensity of the sea" - Antoine de Saint-Exupéry

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4.9 ★★★★★
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