



## Phantom 4 Pro Battery Cooler



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### Summary

A simple cooler to force air through a Phantom 4 Pro battery. In my testing, this cooler will take a hot post-flight...

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A simple cooler to force air through a **Phantom 4 Pro** battery. In my testing, this cooler will take a hot post-flight battery to cool enough to charge in about 1 minute if the ambient temperature is around 75-80 degrees Fahrenheit.

It is powered using a 12V car outlet, or via any other 12V power source. It can also be run off 5V but fan speed (and cooling speed as a result) will be significantly slower.

### Hardware Needed:

2 - 40mm x 28mm Fan

<https://amzn.to/3sMq4m6>

(The above Sunon Maglev server fans are expensive but they do the job as you would hardly believe incredible little fans.)

2 - 40mm Fan Grills (optional)

<https://amzn.to/3zv0TYW>

1 - Mini Toggle Switch

<https://amzn.to/3WfPnuh>

1 - DC Power Jack

<https://amzn.to/3NmtW6l>

4 - M3 x 40mm Machine Screws

## Post-Printing

### Wiring

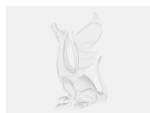
Simply solder the positive wires from the fans to the switch, and wire the other side of the switch to the positive terminal on your DC power jack.

Then solder the negative wires from your fans directly to the negative terminal on your DC power jack and you are done.

Lots of room has been left for wires and cable management.

Category: R/C Vehicles

## Model files



**phantom4probatterycooler.f3d**



**phantom4probatterycooler.stl**



**phantom4probatterycoolercover.stl**



phantom4probatterycoolercenter.stl

[Find source .stl files on Thingiverse.com](#)

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