# Schematic diagram of solar power fan



### How do you make a solar powered fan?

With the "Green Science Fair" contest running on Instructables we decided upon making a solar powered fan out of it. It's really pretty basic. We took a battery holder (2 AA batteries) and wired it into a 1.5V to 12V step up circuit. Now that we had it outputting 12V we hooked it into the fan.

## Can you make a solar powered fan out of an old computer?

When we were taking apart an old computer (fun stuff!) we discovered a lot of very cool parts that we could use to make stuff. One of the cooler ones (sorry,very lame pun) was a 12V cooling fan. With the "Green Science Fair" contest running on Instructables we decided upon making a solar powered fan out of it. It's really pretty basic.

# What is c3j1r0's solar powered mini-fan?

It's a cool solar powered mini-fan. The idea is that if you had a fan you would use the air conditioning less. And it's solar powered so that it has 0 emissions. Finally, this is the first of many collaborations between c3j1r0 and I. As always, feedback is greatly appreciated. It's the sharing of ideas that keeps an open source community together.

## How do you attach a fan to a battery pack?

Now you are almost done. Just attach the fan to the board (through the holes in the box) and finish off the circuit at the third wire on the negative side of the battery pack (inside the box). And there you have it! There are a couple more finishing touches to complete the fan.

#### What is a small fan project?

This small fan project has multiple uses and could be for keeping cool from the summers hot weather or possibly as a fan when soldering to remove fumes. The benifit is that it has a built in battery that will allow it keep working, even when the sun is not shining. Mini DC motor Positive wire Negative wire Battery holders

#### How do I install a fan?

Just attach the fan to the board (through the holes in the box) and finish off the circuit at the third wire on the negative side of the battery pack (inside the box). And there you have it! There are a couple more finishing touches to complete the fan. 1. Test it out! Make sure it works by turning it on and off a couple of times. 2.

4 · The main attraction of the circuit is the use of a single rechargeable AAA penlight cell, which is able to light up a 3.3V high bright LED through an attached Joule thief circuit. High Power 12V Garden Light Circuit. The ...



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