

SYNTHIAM

synthiam.com

Instructable - 0 -24 Volt Adjustable Power Supply How To :)

Hello guys this is a improvement over the past tutorial posted for converting a PC power supply to be a bench 12 volt supply. This tutorial uses the same computer PSU to make a adjustable 0 to 24 volts. This means testing equipment of different voltages will be much easier. Now you don't need to hunt down a ad adapter and cut it up only to find it's not really the voltage you needed.

Last Updated: 9/5/2013

Step 1

Hello guys this is a improvement over the past tutorial posted for converting a PC power supply to be a bench 12 volt supply. This tutorial uses the same computer PSU to make a adjustable 0 to 24 volts. This means testing equipment of different voltages will be much easier. Now you don't need to hunt down a ad adapter and cut it up only to find it's not really the voltage you needed.



How are you all? Hope you are fine all in today I want to show you how to build

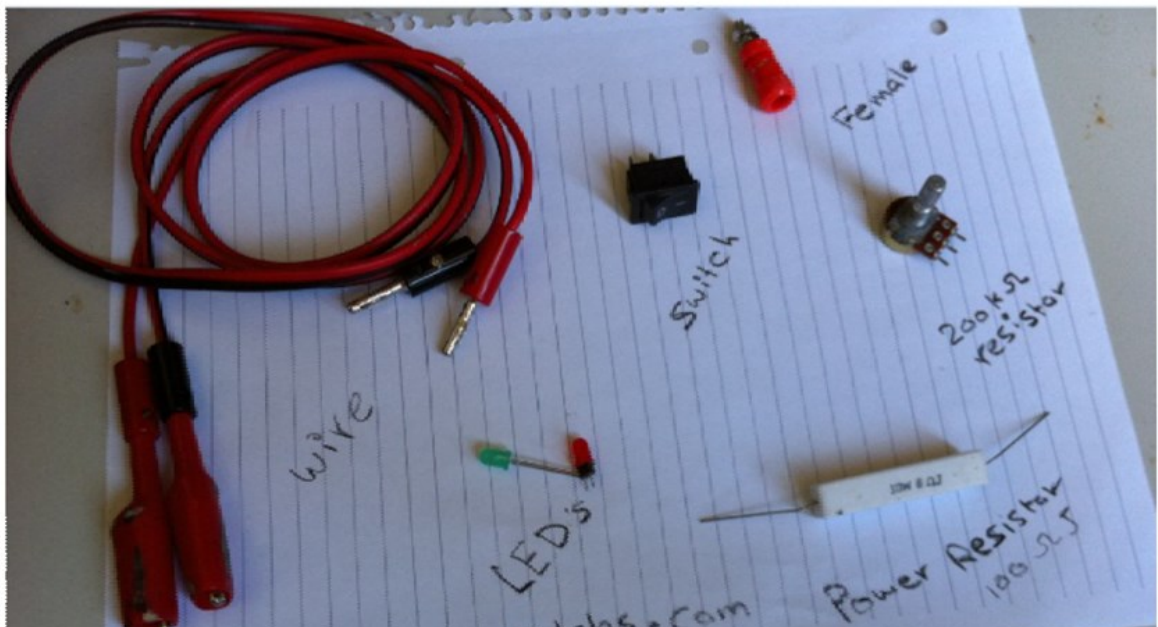
your own power supply at your home using PC power supply ...

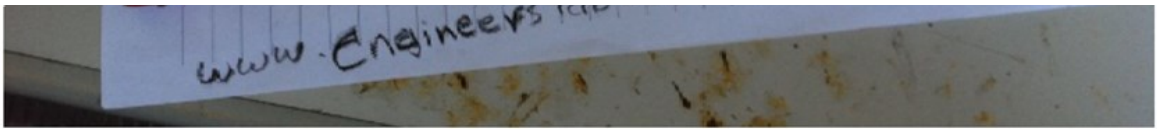
What we need :

1- PC Power Supply :



2- We need this components to use it in our project :





- a- Two led's (1 red , 1 green).
- b- One switch.
- c- One 200k ohm resistor.
- d- Cement resister not Power resistor (100 ohm J or 120 ohm J don't matter about it).
- e- 8 female connector.
- f- Two 330 ohm resistors .