# Power Supply - 5V, 4A

TOL-15352 ROHS





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DESCRIPTION | INCLUDES | **FEATURES** | DOCUMENTS

- 100~240VAC Input 50/60HZ
- 5VDC, 4A Output
- Peak output power 20W
- 0°C - 40°C operating temp

## Tags

4A 5V BARREL JACK JETSON POWER POWER SUPPLY TOOLS

## Power Supply - 5V, 4A Product Help and Resources

**TUTORIALS** | SKILLS NEEDED

### How to Power a Project

FEBRUARY 7, 2013

A tutorial to help figure out the power requirements of your project.

**COMMENTS 4** | REVIEWS 0

## Comments

**Looking for answers to technical questions?**

We welcome your comments and suggestions below. However, if you are looking for solutions to technical questions please see our Technical Assistance page.

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mikeakohn / about 2 months ago / ★ 1

I tried a couple USB based power supplies (that should have worked) for the Jetson Nano, both got the desktop to come up but would cause the Jetson to shut down from simple things like opening up a terminal.

This is the first power supply I've tried that runs the Jetson flawlessly, even when programming CUDA.

> Santa Claus Impersonator / about 2 months ago / ★ 1
>
> Glad to hear the power supply is working well for you.
>
> On a personal note, I have tried the classic 2.5A power supplies for Raspberry Pi's and they seem to work best when the Jetson is in the 5W mode (to limit the current draw). I have a another 3.5A one that seems to work well even in MAX mode with the CPU maxed out, but I haven't really tested the performance of the CUDA cores. That being said, I have browned out the device by overdrawing current for a motor driver. (*In case anyone is curious, I would highly advise **avoiding** brown outs as it corrupted my SD card.*)

Member #536818 / about 9 months ago / ★ 1

Any switching power source produces signals at harmonic frequencies. Much of my work involves radio signals, and I have to use linear (non-switching) power sources or add brute force filtering at the power input to combat this type of noise. Do you have any data on the noise output from this supply?

> Santa Claus Impersonator / about 9 months ago / ★ 1
>
> Unfortunately, I don't think we have information on that.
>
> However, I am not sure if your question applies to a power supply like this one. From my experience, *linear* power supplies and the ones with filtering tend to be "extra" large in size. I assume that this power supply would operate similarly to other "portable" power supplies of this nature, which probably are switching based on their size and weight. (*Unfortunately, I am not an expert on this topic so this is my best guess.*)