



Switching Split Power Supply \pm 12V 500mA Split Supply

PRODUCT ID: 2591

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1

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[DESCRIPTION](#)

[TECHNICAL DETAILS](#)



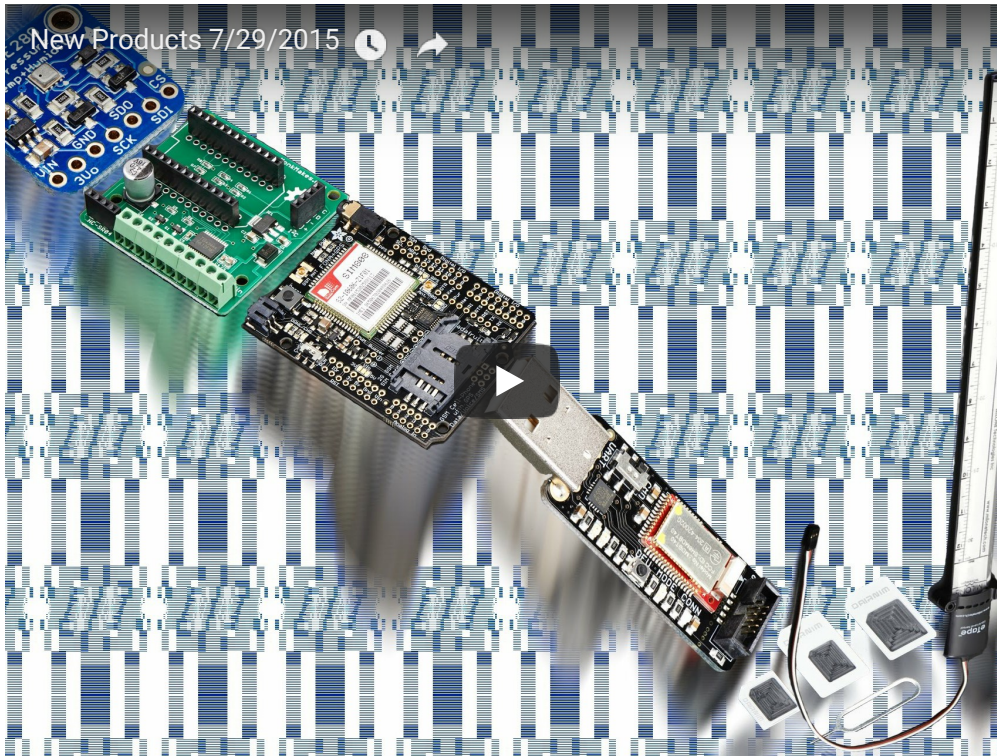
DESCRIPTION

I know you just did a double take when looking at this power supply, what's up with the **two** cables? Normally you have a switching power supply that plugs into the wall and provides something like 5V or 9V or 12V regulated DC. This **split** power supply is interesting in that it gives you **two power supplies**! One is a positive-with-respect-to-ground +12VDC. The other is negative-with-respect-to-ground -12VDC. The max voltage differential is 24V from negative to positive so you are getting a true 'split supply'

Excellent for use with analog electronics, motor controllers, lab equipment, modular synthesizers, or anything else where you've found yourself puzzling over the need for a matching negative power supply.

The black wire is your every day classic +12VDC with center positive. The white wire is the negative supply, its *also* center positive which means the center is the same as the black wire's

ground. The 'ring' of the white-cable connector is -12VDC. You can draw about 500mA from each side, a total of 1A. Please note that the output is not as strictly regulated as some other power adapters you may have used, the floating voltage can be +13V and at max draw, droop down to +11V or so. You may want to have an extra linear regulator if you want the output to stay rock-solid over a wide current-draw range.



TECHNICAL DETAILS

- [Datasheet](#)
- Cable lengths: 1.2m each
- 5.5mm / 2.1mm DC jack

Product Dimensions: 86.0mm x 48.0mm x 31.0mm / 3.4" x 1.9" x 1.2"

Product Weight: 127.0g / 4.5oz



MAY WE ALSO SUGGEST...



12V DC 1000mA (1A)



Compact Switching Power



5V 2.5A Switching Power



12V 5A switching power



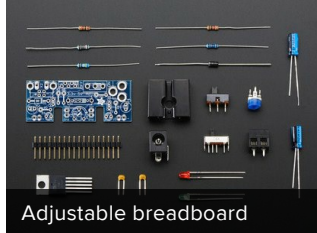
In-line power switch for



9 VDC 1000mA regulated



5V 10A switching power



Adjustable breadboard



5V 1A (1000mA) USB port

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"Collaborative production is simple: no one person can take credit for what gets created, and the project could not come into being without the participation of many"
- [Clay Shirky](#)



4.9 ★★★★★
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