



5V 2A Switching Power Supply w/ USB-A Connector

PRODUCT ID: 1994

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DESCRIPTION

Our 5V 2A USB power adapter is the perfect choice for powering single-board computers like Raspberry Pi, BeagleBone or anything else that's power hungry!

This adapter was specifically designed to provide 5.25V not 5V, but we still call it a 5V USB adapter. We did this on purpose to solve a problem that occurs often with USB-powered gadgets: they draw so much current that the resistance of the cable causes a voltage drop, so instead of 5V, the device sees 4.75V or so. To avoid this problem, we made the adapter 5.25V. This is because the USB power specification allows up to 5.25V, and it's safe for all 5V electronics, and has the benefit of making up for any loss due to thin USB cables. Basically, you can use it where ever USB 5V power is needed, with no risk of damage, and it will happily work at the full current range, no matter what cable you use!

The adapter does not have a cable, instead there is a USB 'A' type port on the bottom, where

you can plug any USB cable in. The data lines have resistors on them, to match what is inside of an 'Apple iPhone' type charger, and we tested this adapter successfully with an iPhone 4 so it ought to work with anything that can charge with an iPhone adapter.

This high quality power adapter is FCC, CE and UL listed and can use 110 or 240 VAC input so it works in any country. The plugs are "US 2-prong" style so you may need a plug adapter - but you can pick one up at any hardware store for or so.



TECHNICAL DETAILS

- Dimensions: 74mm x 47mm x 28mm / 2.9" x 1.9" x 1.1"
- Weight: 64g



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5V 1A (1000mA) USB port



USB Cable - 6" Standard A-



5V 2.5A Switching Power



USB Cable - Standard A-B



5V 4A (4000mA) switching



USB Charger Doctor - In-



9 VDC 1000mA regulated



5V 2A Power Supply w/



Power Cord Cable w/ 3

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