

BATTERY POWER SUPPLY

PRODUCT MANUAL



VERTEX BATTERY POWER SUPPLY

The Vertex Battery Power Supply is a isolated 9VDC (battery powered) power supply, ideal for powering vintage and vintage-style effects pedals, especially Overdrive, Distortion, Fuzz, and Wah style circuits. The Vertex Battery Power Supply is the perfect addition to a pre-existing power supply on, any pedal board or rack, to preserve the best possible tone for your prized Overdrive, Distortion, Fuzz, and Wah pedals, or any of your vintage pedals that were original designed for use with a carbon battery. The Vertex Battery Power Supply offers four independent, isolated, clean 9VDC battery output sections, which will keep even the most temperamental vintage and boutique pedals absolutely silent.

The Vertex Battery Power supply is designed for the discerning guitarist that can hear the nuances of Overdrive, Distortion, Fuzz, and Wah pedals when powered by a carbon battery versus a DC power supply. Hear what players like Eric Johnson, Scott Henderson, Josh Smith, and Michael Landau, have all unanimously been saying for year about the benefits of using batteries to power such pedals, and how it can help improve one's tone and the feel of your pedals.

Want a power supply that gets best possible tone out of your pedals? What if the answer is 9V batteries?

Believe it or not, some of the most discerning "tone-conscious" guitarists like Eric Johnson, Scott Henderson, Michael Landau, and Josh Smith (to name a few), all prefer cheap "Dollar Store" variety 9V carbon batteries over a DC power supply because of the sag and "amp-like" quality they impart on overdrive, distortion, fuzz, and wah pedals.

The Battery Power Supply is designed for such "tone-purists" to use in tandem with a primary power supply for high current/voltage pedals (like a Voodoo Lab Pedal Power), while the Battery Power Supply provides optimized 9V power to your favorite overdrive, distortion, fuzz, and/or wah pedals.

Never again change a battery inside your pedals or disconnect an input jack to preserve battery life. The Battery Power Supply has a dedicated 9V input feed, accepting any external 9V power source that will only "ACTIVATE" the batteries when the input feed is receiving power, and "DISABLE" the batteries when power is disconnected. Plus, a battery can be changed in second by turning the single thumbscrew and removing the steel top of the Battery Power Supply.

All Vertex Battery Power Supplies are designed and assembled in California, USA.

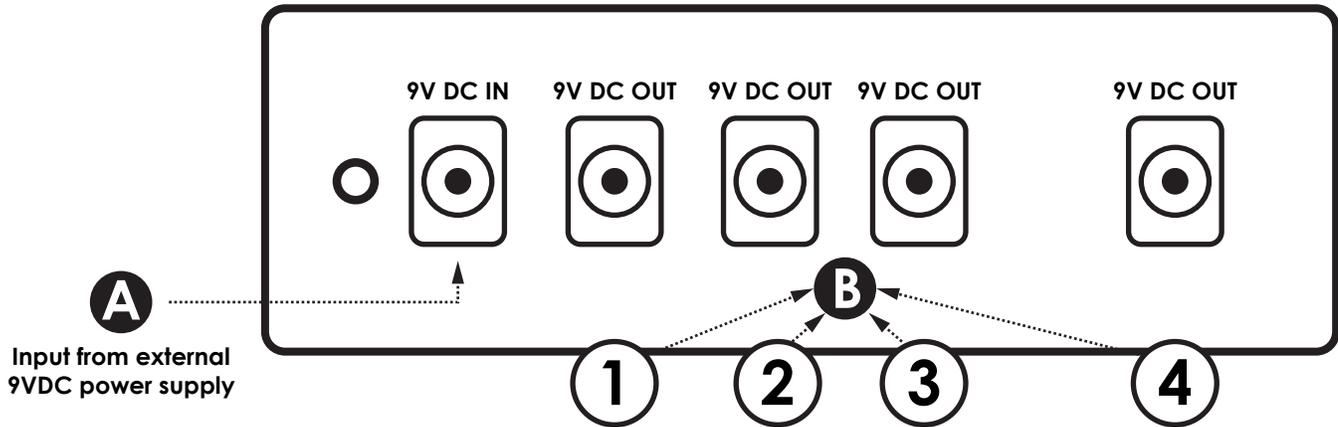
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CONNECTIONS

The Vertex Battery Power Supply requires an external 9VDC power source on the input. This could be a feed from any high quality power supply, ranging from Voodoo Lab, to Strymon, to Truetone, to DB11, etc. to a wall wart like a One-Spot, Godlyke, or others.

Power cables are not included with the battery power supply, but are compatible with any 2.1mm barrel standard power cable. If you wish to purchase spare power cables we recommend visit our friends at Voodoo Lab (www.voodoolab.com/cables).



DC Power Cables

Power cables are not included with the battery power supply, but are compatible with any 2.1mm barrel standard power cable. If you wish to purchase spare power cables we recommend visiting our friends at Voodoo Lab (www.voodoolab.com/cables).

Before powering your pedal with a standard black barrel connector, you must verify that the pedal requires "center negative" polarity to prevent damage. Some common exceptions with their power jacks wired for "center positive" are the Fulltone '69, SoulBender, and Octafuzz pedals and Moogerfoogers. Reverse polarity cables are available from Voodoo Lab to properly power these pedals.

ISOLATION

Pedal Power ISO-5 has five isolated output sections. This is sometimes referred to as "galvanic isolation" and means that there is no direct electrical connection between each output. Similarly, when you power your effects with batteries, they are also isolated because there is no electrical connection between the batteries. Most power supplies are not isolated. Their output jacks are simply bussed together or use a daisy chain cable. This allows unwanted electrical current to flow between the outputs, commonly called a ground loop. The result is added noise. The isolated outputs of Pedal Power ISO-5 eliminate this noise. Another benefit of isolation is that you can power both negative ground and positive ground effects with Pedal Power ISO-5. Negative ground effects

- A** 9VDC input. Activate your Vertex Battery Power supply by using any 9V pedal board power supply or 9VDC wall wart.
- B** 9VDC outputs (4). Use for all your vintage and boutique Overdrive, Distortion, Fuzz, and Wah Pedals.

SPECIFICATIONS

Input	9VDC @ 100mA
Outputs	5.5x2.1mm barrel connectors center negative (4) isolated 9VDC battery outputs
Physical:	5.0" x 3.5" x 1.25" 14 oz. (without batteries)

are by far the most common, however the Fuzz Face and Octavia are some well known examples of positive ground circuits. Attempting to power positive ground pedals together with negative ground pedals from a non-isolated power supply will not work and may even damage the supply. There are a couple of other tricks you can get from an isolated supply like Pedal Power ISO-5. You can use a special Y-cable (voltage doubler cable) which connects two 9V outputs in series to get an additional isolated 18V out. Occasionally, a pedal requires a bipolar supply, using two batteries for +9V and -9V. Isolated outputs work fine for this, non-isolated supplies do not.

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