



# Ultra-portable adjustable power supply

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What are the best portable power supplies for college electrical engineering students?

“PocketPD [is a] USB-C portable bench power supply,” Nguyen explains of his creation, “leveraging the Programmable Power Supply (PPS) of USB PD 3.0 and 3.1 to make an ultra-compact bench power supply. Beside portable soldering iron [s], this should be one of the best portable tools for college electrical engineering students.”

What is an adjustable / programmable power supply?

Using an adjustable / programmable power supply allows digital or analog control of the power supply output by a control system for maximum versatility. The control system can control and monitor the power supply output voltage and current from virtually anywhere there is an Ethernet connection.

What are adjustable DC power supplies?

Adjustable DC power supplies are capable of delivering a variable output voltage or current. These adjustable power supplies fall into three categories: locally adjustable power supplies, remotely adjustable power supplies, and programmable power supplies.

Which Acopian power supplies are fully adjustable?

All Acopian Wide Adjust Output power supplies are fully adjustable from 0V to full rated output voltage. This is regardless of whether you are using the internal potentiometers, remote analog programming, or remote digital programming. Acopian adjustable DC power supplies: Gold Box Infinity Linear Regulated Wide Adjust Output Power Supply

PocketPD is a portable USB C bench power supply that can fit in your pocket. Combine with a USB C PD 3.0/3.1 power source and you can utilize the PPS profile to create a portable power ...

DC Power Supply Variable 30V 5A Adjustable DC Regulated Lab Bench Power Supply with 4-Digit LED Display, 18W USB Fast Charging Port, Adjustment Knob, Output Switch, Protection Function

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# Ultra-portable adjustable power supply

This variable DC power supply is a very stable, regulated DC power supply. It has the characteristics of low ripple and noise, high accuracy, high reliability, perfect overload and short ...

Electrical engineer Vincent Nguyen, working with Martin Axelsen and Ryan Trissel, has designed an ultra-portable benchtop power supply, making full use of the capabilities available in the USB Power ...

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All Acopian Wide Adjust Output power supplies are fully adjustable from 0V to full rated output voltage. This is regardless of whether you are using the internal potentiometers, remote analog programming, ...

This compact power supply is perfect for electronics testing, DIY projects, and on-the-go charging. With its acrylic enclosure, fuse protection, and easy-to-read volt-amp display, it combines ...

PocketPD is a tiny USB programable power supply created by Vincent Nguyen, along with Martin Axelsen and Ryan Trissel. The PocketPD is designed to be an ultra-portable bench power ...

The PocketPD is a compact, portable USB Type-C powered bench power supply, offering precision and versatility for electronics enthusiasts, professionals, and students.

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