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Title: Portable programmable mobile power supply

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We will explore how to implement constant voltage (CV) and constant current (CC), two modes that are featured in all of the standard bench power supplies. Best of ...

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

This allows for a lighter and more compact design, with less power loss and less heat, ideal as a portable power supply or for bench testing when you need to diagnose problems in the field.

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

The PD240W project demonstrates how a compact USB-C Power Delivery charger can be used as an adjustable high-power supply for motors and embedded systems using a Raspberry Pi ...

This bench power supply is powered by USB-C PD 3.0/3.1 using their PPS capability. There is no buck or boost converter on the board as these component is already in your USB-C ...

[Programmable Dc Power Supply] This portable dc regulated power supply offers adjustable output voltage from 0 to 30v, current from 0 to 5a, and power from 0 to 150w, providing precise control for ...

Diversified input supports PD, QC fast charging protocol and mobile power supply, supports DC power input, Multiple compatibility, ...

Portable programmable power supply (PPPS) is a compact and efficient USB power supply. which uses USB type-c as input, supports PD mode, and the output range is 1-22V. It is controlled by USB, wifi, ...



Portable programmable mobile power supply

PocketPD is built around the Programmable Power Supply (PPS) mode introduced in 2015. Originally designed for improved battery charging in smartphones, PPS allows devices to set precise voltage ...

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