



BUHLE POWER

# Mobile power supply PD portable





## Overview

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What is pocketpd power supply?

PocketPD is a USB Type-C powered bench power supply that fits inside your pocket. Paired with a modern USB Type-C charger or power bank, it is a full-featured power supply that can provide a wide range of voltage with built-in safety. It is equipped with an OLED display, current sensor, and banana jack output for all your standard equipment.

What is the best portable power supply for college electrical engineering students?

The No Inductor power supply. This project utilizes PicoPD's previous work to prototype a bench power supply. Beside portable soldering iron, this should be one of the best portable tools for college electrical engineering students. This bench power supply is powered by USB-C PD 3.0/3.1 using their PPS capability.

What is a PD power supply?

One that specifies Power Delivery, or “PD”. PD power supplies usually have either a USB-C socket or a USB-C cord permanently attached. PD seems like a good idea, but with power going so many ways I was initially afraid something might catch fire. Nothing did.

What is a portable power supply?

A portable power supply is a device that can store and provide electrical energy for various purposes. It can power small appliances, charge electronic devices, or supply emergency backup power in case of a blackout. Portable power supplies are usually rechargeable and have different capacities and features depending on the intended use.



## Mobile power supply PD portable

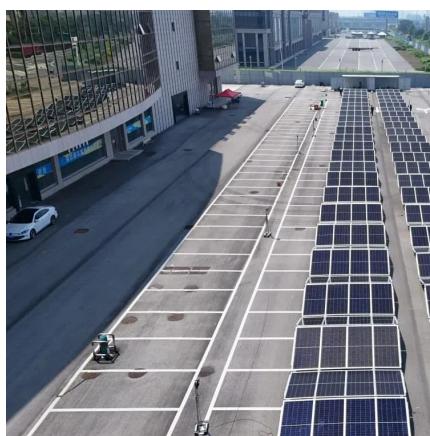


### [PocketPD , Crowd Supply](#)

PocketPD is a USB Type-C powered bench power supply that fits inside your pocket. Paired with a modern USB Type-C charger or power bank, it is a full-featured power supply that can ...

### [Multi-Cell USB PD Power Bank with Quick Charge 2.0/3.0](#)

2 days ago · This high-performance portable charging design supports 60W+ with a full USB Power Delivery (PD) programmable power supply (PPS) and is suitable for multi-cell (2 to 4 ...



### [Vincent Nguyen's PocketPD Is an Ultra-Tiny ...](#)

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

### [A Versatile Power Supply in Your ...](#)

Nov 8, 2024 · PocketPD utilizes the Programmable Power Supply (PPS) mode in USB Power Delivery 3.0 and later versions, allowing users to ...



### [PocketPD: The Ultra Portable Programmable Power Supply](#)

Aug 6, 2024 · The PocketPD utilises the Programmable Power Supply (PPS) feature of USB PD 3.0 and 3.1 devices. The PocketPD is built around the RP2040 SoC along with the AP33772 ...

### **PocketPD**

Jan 6, 2024 · The No Inductor power supply. This project utilizes PicoPD's previous work to prototype a bench power supply. Beside portable soldering iron, this should be one of the best ...



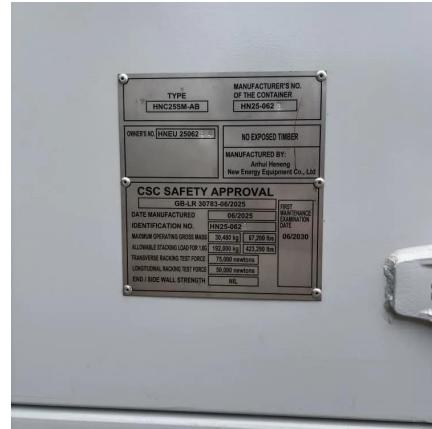
### **PocketPD**

Details Description This project utilizes PicoPD's previous work to prototype a bench power supply. Beside portable soldering iron, this should be one of the best portable tools for college ...



## Tindie Blog , Portable USB-PD Power Supply

May 21, 2025 · It uses actual binding posts for power output, and has real knobs for adjusting power supply parameters. It has short-circuit protection and can provide up to 60W when ...



## PocketPD: The Ultra Portable Programmable ...

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## PocketPD: a portable USB C bench power supply that fits in ...

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## A Versatile Power Supply in Your Pocket----Come and ...

Nov 8, 2024 · PocketPD utilizes the Programmable Power Supply (PPS) mode in USB Power Delivery 3.0 and later versions, allowing users to directly obtain voltage and current from the ...



## [Vincent Nguyen's PocketPD Is an Ultra-Tiny USB Programmable Power](#)

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 ...



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