

Title: Portable CNC Power Supply Design

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Build a portable 12V->1V adjustable DC power supply with USB output, precise multiturn control, volt-amp display, and high-current support. Find this and other hardware projects on Hackster.io.

The power supply is programmable and adjustable by a single-chip microcomputer, and the humanized display operation interface is combined with the high efficiency of switching the power...

This paper presents the design of a portable, multiple-output, adjustable DC power supply based on synchronous Buck and Buck-Boost converter topologies. Powered by a Li-ion battery pack (two ...

Given the small size and weight, pressing the side button shifts the power supply unit to the left. The backlighting of the output terminals when the power supply output is turned on is very elegantly ...

The FNIRSI-DP150 is a high-performance adjustable DC power supply launched by our company. It features a Type-C input interface and multiple power supply modes, allowing precise adjustment of ...

The FNIRSI DPS150 is an adjustable DC power supply, with a Type-C interface, supports multiple power modes, and can accurately adjust the 0-30V voltage and 0-5A current output.

Abstract In order to facilitate the testing needs of electronic engineers, a multi-channel isolation adjustable switching regulated power supply controlled by an STM32 single-chip microcomputer is ...

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 ...

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