

Portable adjustable DC power supply





Overview

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.

What is an adjustable DC regulated power supply?

This Adjustable DC Regulated Power Supply with output voltage adjustment and current limiter proved to be an excellent device, which is far cheaper than similar that can be purchased on the market. It can be used to power many electric appliances in electronics laboratory.

What is an adjustable power supply circuit?

In this project, an adjustable power supply circuit is designed which inputs AC mains and provides 0 to 30V 2A DC Voltage as output. The power supply designed in this project is an adjustable linear regulated type so the output voltage of the circuit is constant and is varied mechanically with the help of a variable resistor.

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.



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Design of Portable Multiple Outputs Adjustable DC Power Supply

Nov 10, 2024 · Adjustable DC power supplies are essential tools in electronic laboratories, offering precise control over voltage (CV mode) and current (CC mode) to meet various testing ...

PD Adjustable DC Power Supply

Feb 16, 2025 · A DIY, USB PD powered, pocket sized adjustable DC / lab bench power supply for electronic makers I also made a pocket size ...

Fnirsi Dps-150 High Power 30V 5A 150W Adjustable Voltage Portable ...

Nov 15, 2025 · The FNIRSI-DSP150 is a high-performance adjustable Dc power supply launched by our company features a Type-C input interface and multiple power supply modes, ...

Adjustable DC Power Supply (0-30 V 0-10 A) with Output ...

Apr 28, 2020 · Amazon : Adjustable DC Power Supply (0-30 V 0-10 A) with Output Enable/Disable Button HANMATEK HM310 Mini Variable Switching Digital Bench Power ...

FNIRSI DPS-150 DC Power Supply Variable, 0-30V 0-5A ...

Aug 30, 2024 · About this item Stable Output: 30 V, 5 A, 150 W DC power supply variable, 0.01 V, 0.001 A display, CC/CV switchable,

PD Adjustable DC Power Supply

Feb 16, 2025 · A DIY, USB PD powered, pocket sized adjustable DC / lab bench power supply for electronic makers I also made a pocket size reflow hotplate for automatically reflowing SMD ...

PD Portable DC Bench Power Supply from imuslab on Tindie

PD Portable DC Bench Power Supply from imuslab on TindieWhat is it? This is a DIY, USB PD powered, pocket sized adjustable DC / lab bench power supply for electronic makers. It ...

FNIRSI DPS-150 DC Power Supply Variable, 0-30V 0-5A Adjustable DC ...

Aug 30, 2024 · About this item Stable Output: 30 V, 5 A, 150 W DC power supply variable, 0.01



V, 0.001 A display, CC/CV switchable,

Portable Very Precise Adjustable DC Power Supply + USB ...

Nov 10, 2025 · In this project, we are building a portable, precise, and versatile 12V to 1V adjustable DC power supply that can also charge USB devices. It features a high-current ...

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Adjustable DC Power Supply (0-30 V 0-10 A) ...

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