

SolarTech Power Solutions

Portable digital adjustable power supply



Overview

Single channel DC power supply has 0-10 amps continuous adjustable output current, 0-30 volt continuous adjustable output voltage, 4 digit LED display, multiple functions such as over voltage, over load, over temperature etc. Compact and light weight design, easy to move and operation, great choice for using in home, labs, and schools, repairing workshops etc. What is a 0-10a DC regulated power supply?

Variable 0-10A, 0-30V output DC regulated power supply is single output, high precision and high reliability, 110 or 220V \pm 10% AC input, 4 LED digital display with accuracy of \pm 0.5%. This portable and adjustable power supply designed with grounding port for prevent the tester repairing your electronic workshops from current leakage.

What is adjustable power & why is it important?

With adjustable power, engineers can simulate real-world conditions and ensure reliable performance. Stable, low-noise power is crucial for precision analog, RF, and low-power devices. A variable power supply prevents component damage while ensuring accurate, interference-free measurements.

What is a variable DC 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 circuit protection circuits, and it is especially suitable for laboratory, school and electronic maintenance. Designed for laboratory and industrial use.

What is a programmable variable power supply?

In production and validation, programmable variable power supplies streamline testing by automating voltage sweeps, stress tests, and device characterization. With remote control and integration into automated setups, they improve efficiency, reduce errors, and ensure consistent quality.

How many volts does a digital DC power supply have?

This digital DC power supply has maximum output voltage of up to 30 volts and current up to 1.6A amps or 12V at 4A. It is a highly integrated power supply that you can set up constant current or constant voltage, Plus it comes with 2 USB port for technician to use for cellphone repair and more. The USB port is a dual port with 5V at 2A.

Is unexpectable a good power supply?

Unexpectable compact device Works well Thank you Really neat little thing. This is a very accurate variable power supply. No complaints whatsoever. You can preset up to 10 power output profiles which just makes it even more useful. Only complain is wish the display was little larger as it is a little difficult to see

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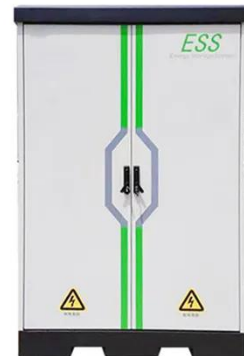


Design of Portable Multiple Outputs Adjustable DC Power Supply

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

Portable Adjustable Power Supplies: Top Solutions for Mobile Power ...

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Amazon : Variable Voltage Power Supply

DC Power Supply Variable 0-30V 0-10A, Adjustable Switching Regulated Bench Power Supplies with Encoder Corase & Fine Knob, 3.6A USB & Type-C Quick-Charge, Overcurrent Protection ...

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