
Portable digital adjustable power supply

What is a portable power supply?

These devices provide stable, adjustable power outputs in a portable form factor, making them ideal for various applications, from prototyping circuits to powering small gadgets. They are especially useful when fixed-voltage power supplies--such as those from old laptops, power banks, or other power adapters--are already available.

What is a compact power supply?

Compact power supplies are becoming increasingly popular among electronics enthusiasts, makers, and professionals. These devices provide stable, adjustable power outputs in a portable form factor, making them ideal for various applications, from prototyping circuits to powering small gadgets.

What is a variable power supply?

View & Download the Guide A variable power supply provides precise, adjustable voltage and current for circuit testing, device validation, and troubleshooting. With clean, stable output and real-time control, it ensures accurate, repeatable measurements in R&D, production, and educational labs.

What is a portable USB power bank?

A portable USB power bank (5 V, 2 A) transforms into a versatile power supply, offering a 0-5 V adjustable output, including the frequently needed 3.3 V for microcontrollers like the ESP32. Some power banks also provide 12 V outputs with up to 10 A, making the DPS-150 even more versatile.

Compact power supplies are becoming increasingly popular. In this review, we explore the features and performance of the Fnirsi DPS ...

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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 ...

Compact & Portable: Small, space-saving design for use in labs, repairs, and DIY projects. Introduction The FNIRSI-DP150 is a high-performance ...

The Digital Adjustable Power Supply is a key item within our extensive Switching Power Supply selection. Switching power supplies offer higher efficiency, smaller size, and lighter weight ...

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 ...

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