

What is a high-speed remote power supply device

Ultrafast, high voltage, large current pulsed power supply achieves fast rise/fall time in picoseconds by utilizing FID's distinctive all-solid-state FID switches and DRD semiconductor switches.

A programmable power supply delivers precise, adjustable voltage and current with automated control for circuit testing, validation, and production. With advanced programmability and remote operation, it ...

This article will discuss what remote power systems are, how they work, and options available to supply loads with the power they need. Unfortunately, not all these options are efficient, so we'll also cover ...

It is a 24 Vdc filtered-regulated, and supervised unit that can easily be configured to provide additional notification appliance circuits (NACs) or auxiliary power for Mass Notification/ Emergency ...

Power supplies for high end server CPUs must be capable of supplying more than 100A, they must respond quickly to fast load transients and they must fit the same or smaller form factor as previous ...

The Programmable Power Supply Device is a single-channel, rack mount DC power supply. Certain models can source hundreds of watts in a compact design that makes it ideal for test ...

A high-speed bipolar power supply that is capable of providing a variety of waveforms is required to test modern automobiles in which various electronic devices are incorporated in a complicated way.

Grounding of Electronic Equipment: Analysis of Unevident Contradictions
Problems of Conventional Grounding Systems
Floating-Type Grounding
As it is known to all students of professional colleges and institutes, the electrical potential of the grounding system of any electronic device with respect to the "ground" can increase significantly (by orders of magnitude) at the moments of lightning discharges. However, for some reason it is believed that if the total potential of the groundin...
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Remote sense enables power supplies to overcome voltage drop caused by the supply leads. Learn more about remote sense and other power supply operations.

This chapter is devoted to the design of one of the most important systems--the power supply system for high-speed electronic devices.

Switched-mode power supplies (SMPS) are defined as power supplies that utilize semiconductor switching

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technology to convert input voltage to the desired output voltage, offering advantages such ...

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