



Portable DC combined medium frequency power supply

What is a magnadc programmable DC power supply?

All MagnaDC programmable DC power supplies utilize high-frequency IGBT- and MOSFET-based power processing in a current-fed topology. This topology adds an additional stage over the conventional voltage-fed topology for enhanced control and system protection, ensuring that even under a fault condition, the power supply will self-protect.

What is a master-slave programmable DC power supply?

User I/O Pinout Definitions All MagnaDC programmable DC power supplies come with master-slave capability. The MagnaDC master-slave strategy ensures no degradation in performance as units are added in parallel or series by providing gate drive signals directly from the master to the slave units.

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.

Where are magnadc programmable DC power supplies made?

MagnaDC programmable DC power supplies are designed and manufactured at Magna-Power's 73,500 sq-ft vertically integrated USA manufacturing facility in Flemington, New Jersey. From raw materials to the completed product, Magna-Power has insourced nearly the entire production process to maintain complete control of quality, cost, and build-time.

What interfaces are available for magnadc power supplies?

MagnaDC power supplies include RS232 communication interface standard with optional LXI TCP/IP Ethernet (+LXI) and IEEE-488 GPIB (+GPIB) options. SCPI Command Listing Using the rear User 37-pin I/O connector, the MagnaDC power supplies can be completely controlled and monitored using external signals.

How does a magnadc power supply work?

Using the rear User 37-pin I/O connector, the MagnaDC power supplies can be completely controlled and monitored using external signals. The voltage, current, over voltage and over current set points are set by applying a 0-10V analog signal. Each diagnostic condition is given a designated pin, which reads +5V when high.

Bring big backup power with you with these expert-recommended portable power stations, which can store enough power to charge electronics, appliances, and more.



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4. Summary As the core component of the medium-frequency power supply, IGBT has a unique working principle and powerful role, which promotes the medium-frequency ...

Enhance your power supply solutions with our modular power supplies, ideal for custom or modified AC/DC needs. TRC Electronics offers a comprehensive ...

FNIRSI DPS-150 DC Power Supply Variable, 30V 5A Adjustable DC CNC Power Supply with 4-Digit IPS Display, <20mV Power Ripple, PD/QC/DC Input, PC Programmable Switching Power ...

Magna-Power Electronics MT Series uses the same reliable current-fed power processing technology and controls as the rest of the MagnaDC programmable power supply product line, ...

Since 2008, Blue Whale Power has been dedicated to delivering exceptional power products and solutions to customers worldwide. One of our most popular AC power supplies is the Blue ...

Frequency Converter 1000VA 115VAC 400Hz Hardwired Isolated 115 or 230VAC, 47-410Hz Output 115VAC/400Hz @ 8.7A via 5-15R Duplex Receptacles Dimensions 5.2"H x 5.2"W x ...

This is a DIY, USB PD powered, pocket sized adjustable DC / lab bench power supply for electronic makers. It features a 0.91 inch OLED display with real-time voltage and current ...

Ideal for mobile energy demands and emergency scenarios, these compact solar power stations integrate photovoltaic modules, battery storage, and inverter technology into one transportable ...

I've tested and reviewed a variety of portable power stations and power banks over the years, including hands-on experience with several of the options featured on this list ...

Enhance your power supply solutions with our modular power supplies, ideal for custom or modified AC/DC needs. TRC Electronics offers a comprehensive selection from top power ...

Due to their different frequency characteristics, medium-frequency DC inverter transformers and high-frequency DC inverter transformers are suitable for industrial heating, ...

Featuring a DC power supply, this cooler is independent of mains AC voltage or frequency, offering increased flexibility and stability. Precise temperature ...

A multi-purpose variable voltage power supply available in AC, DC, or AC/DC for all in-shop and field-service electrical technicians.



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Abstract -- Increasing power density, faster switching and higher currents forces designers to spend more time both considering the effects of electromagnetic interference (EMI) and ...

9000 SERIES Load Banks ASCO is the leading manufacturer of true medium voltage load banks. Our units operate at the actual output voltage of medium voltage generators and do not ...

With an AC output power rating of 3000VA and DC output power of 700W, the PLEx-HQcase is built to handle a range of applications, from office equipment to mobile satellite ...

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 ...

Elevate plasma process innovation with Advanced Energy's comprehensive DC and pulsed-DC suite -- designed to minimize arcing while enhancing deposition rates and improving film ...

The paper presents a description of a pulsed power supply of a magnetron sputtering system with a power of 10 kW, which has a wide range of output parameters, such ...

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 ...

With an AC output power rating of 3000VA and DC output power of 700W, the PLEx-HQcase is built to handle a range of applications, from office equipment ...

Solvix DC and pulsed-DC power supplies for metallic and reactive sputtering provide precise control and proven reliability--backed by AE's worldwide ...



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