

High-density DC power supply unit 2U available now



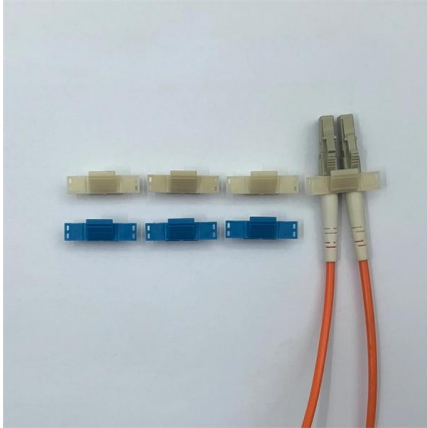


Overview

The 2U family of programmable AC-DC power supplies sets a new standard for flexible and reliable power for your application. Available in a Rack Mounting or Benchtop at 1400W power levels with single output voltages ranging from 10 to 270V and current capabilities up to 120A. Multiple remote programming methods are available including built-in RS232 & RS485 and. The 2U XR Series complements the 1U SL Series by providing high voltage (greater than 1500 Vdc) and high current (greater than 250 Adc) models in a 2U package at 2 kW, 4 kW, 6 kW, 8 kW, and 10 kW. 5 kW to 12 kW in just 1–3 rack units, with half-rack options that pack more power in less space. By paralleling units, our high-power ATE system supplies deliver up to 192 kW — providing the headroom required for. Parallel operation with leader-follower control (master/slave) enables power scaling by adding units without increasing footprint.



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hivolt

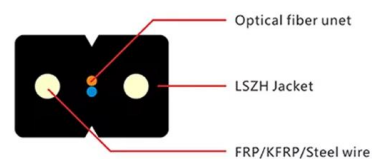
Suitable for bench or 2U rack mounting, the Z+ is a very compact programmable power supply offering power levels from 200 to 800W, voltages of up to 650V and currents of up to 72A.

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8KW high frequency and high power density PSU for AI data centers

Scope and purpose This document introduces a new, complete power supply unit (PSU) for AI data centers and servers.

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12KW high frequency and high power density PSU for AI data centers

Infineon's 12 kW high-density PSU reference design combines Si, SiC, and GaN technologies to deliver exceptional efficiency and power density. Ideal for AI data center and server power racks, it supports

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High Power DC Power Supplies

The PCL series programmable high power DC power supply is available with rated voltage 6V to 2000V in 1.2kW to 15kW power. The PCL series provides

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First 12kW power supply design for AI data centres

Infineon Technologies has developed a 12kW power supply reference design for AI data centres that it says is a world first.

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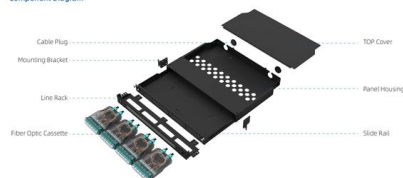
MPS Ultra 2U Redundant Modular DC Power System » Helios Power

MPS Ultra 2U Redundant Hot Swap Modular DC Power System up to 12kW The 2RU MPS Ultra DC power system delivers up to 12,000 watts of power in four factory pre-configured systems that make

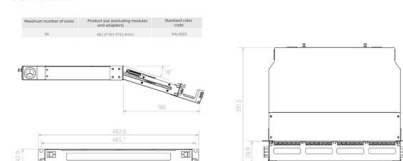
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Component Diagram



Key dimensions



Dual Processor

Key Features/Applications: Virtualization, Hyperconverge Storage, Cloud Computing, High End Enterprise, Flexible Networking Options CPU: Dual 2nd Generation

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Rising Rack Densities: A Driver for High-



Density Rack Power

Rising Rack Densities: A Driver for High-Density Rack Power Distribution Units The average power density of data center racks continues to rise to support AI and ML, crossing 10kW in 20231.

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Schneider Electric Launches New Data Center Solutions

Innovative prefabricated data center architecture provides critical IT infrastructure for high-density computing clusters New rack PDUs and rack

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Infineon Releases 12 kW High-Density Power Supply

Infineon Technologies AG is introducing a 12 kW reference design for high-performance power supply units (PSUs), specifically designed for AI data

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High-Density, High-Performance Power , Keysight

Validate multi-kilowatt devices faster, in less space, with Keysight's high-power, high-density system power supplies -- paired with robust automation software.

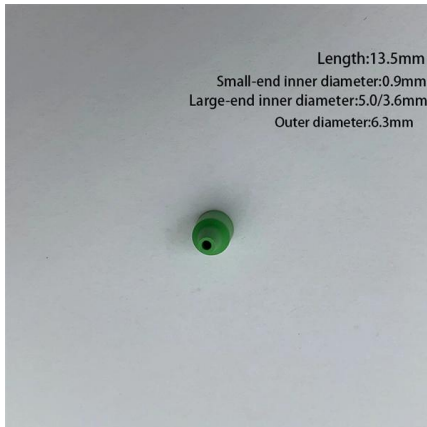
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High-Voltage Programmable DC Power Supplies for 600

These high voltage power supplies are an exciting addition to Mouser's broad and growing portfolio of products to aid engineers from product development to

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Infineon announces roadmap for state-of-the-art and energy-efficient

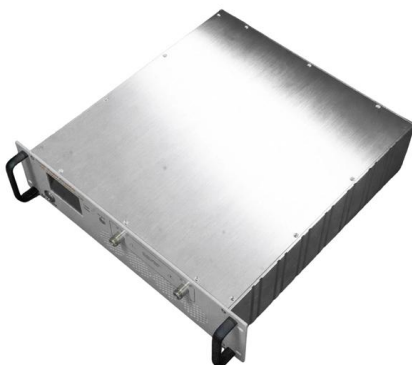
Operators of AI data centers benefit from the world's first 12 kW power supply unit thanks to higher energy efficiency, power density and reliability Munich, Germany - 24 May 2024 - The

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Chroma launches new bidirectional DC power supply

Chroma has released its next-generation bidirectional DC power supply, model 62450D-2000HL, which delivers a single-unit power density of 45kW in a 4U high

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PSU2KW-DCPI= Technical Evaluation: Cisco's 2000W DC Power Supply

Architectural Role and Design Objectives The PSU2KW-DCPI= is a 2000-watt DC power supply engineered for Cisco's Nexus 9000 Series and ASR 9000 Series platforms, designed to deliver high

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DC Power Supply

Find the perfect DC power supply for electronics testing, R&D, and manufacturing. Get stable, programmable power for precision measurements and automated

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2U Switching Regulated Power Supply (to 1400 watts):

The 2U family of programmable AC-DC power supplies sets a new standard for flexible and reliable power for your application. Available in a Rack Mounting or

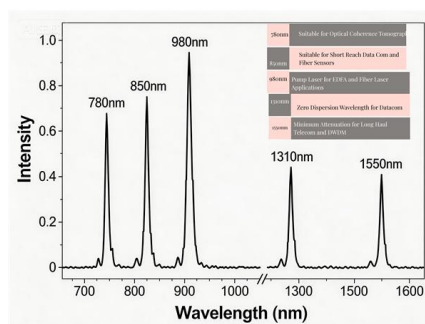
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2U Dual Processor Rackmount Servers , Supermicro

Explore the perfect blend of power and compact design with our 2U Dual Processor Rackmount Servers. These servers efficiently handle high-demand workloads.

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High-Performance MiTAC 2U Rackmount Servers for Enterprises

Explore MiTAC's 2U rackmount servers, offering superior performance, expandability, and reliability. Perfect for enterprise-level applications and data-intensive tasks.

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2kV Adjustable Precision High Voltage DC Supply Module

High Efficiency, Low Cost, and Easy to Configure 2kV High Voltage DC Supply Module, available in Positive or Negative Polarities.

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3.3 kW high-frequency and high-density PSU for server and

3.3 kW power supply unit (PSU) which targets specifications for server and datacenter applications. This document describes the converter hardware, provides a summary of the experimental results and

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Vertiv announces OCP-compliant high-density, scalable IT rack DC power

Vertiv (NYSE: VRT), a global provider of critical digital infrastructure and continuity solutions, today announced the launch of the Vertiv(TM) PowerDirect Rack, a 1U high-density 50V DC

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Best Power Supplies 2026

Here are the best power supplies for gaming PCs. These PSUs offer the best reliability, performance, and protection for your components.

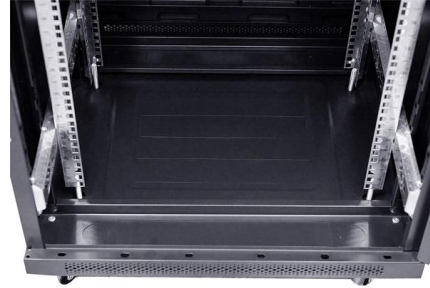
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1200 W Front End AC-DC Power Supplies

The DS1200 series is Advanced Energy's highest power, highest density bulk front end AC-DC power supply in the industry standard 1U x 2U form factor. It accepts a wide range 90 to 264 VAC input and

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2U power supply

Find your 2u power supply easily amongst the 61 products from the leading brands (Rohde & Schwarz, B& K Precision, Portwell,) on DirectIndustry, the industry

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High-Density Open-Frame AC-DC Power Supplies

CUI's open-frame AC-DC power supplies from 180 W to 550 W are higher-density additions to their open-frame AC-DC power supply portfolio. The VOF-180, VOF-225A, VOF-275, VOF-350, and VOF

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XR Series

Paired with state-of-the-art SiC power semiconductors, Magna DC power supplies delivers class-leading power density, efficiency, and reliability, including

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1U Programmable DC Power Supply , High

In contrast, a 1U programmable DC power supply allows significantly higher stacking density. For example, a standard 42U

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Programmable DC Power Supplies 5kW in 2U Built in RS-232 & RS

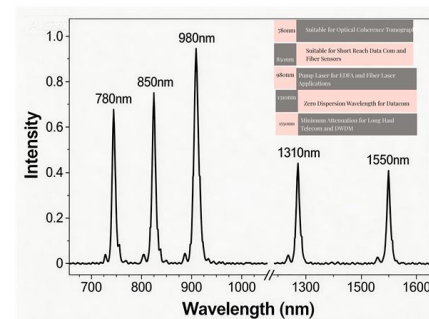
Also, new high-speed status monitoring is available for the RS-485 bus. Test Systems using the IEEE-488 bus may achieve significant cost savings by incorporating the Optional IEEE Multi-Drop Interface

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Eltek Flatpack S 2U

The Eltek Flatpack S 2U Compact and High Efficiency DC Power System, 2U System, -48V/200A, is a small power-dense system based on pluggable breakers

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High-Density Open-Frame AC-DC Power Supplies

CUI's open-frame AC-DC power supplies from 180 W to 550 W are higher-density additions to their open-frame AC-DC power supply portfolio. The

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High-Power DC Power Supply



A high power power supply delivers stable, high-wattage output for applications requiring precision, efficiency, and scalability. Designed for industrial automation, EV testing, and power electronics, it

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A2U Series Rack-Mount AC-DC High Voltage Power

Buy A2U series rack-mount AC-DC high voltage power supplies from Analog Technologies. Models up to 50kV/300mA, high precision, stability, overcurrent/arc

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For datasheets, pricing, or custom fiber access solutions, please visit:
<https://www.frindel.es>