Delta showcases AI server power supply



Overview

, February 26, 2024 — Delta, a global leader in power and thermal management solutions, presented the next-generation power solutions capable of enhancing the energy efficiency in AI servers and data centers at IEEE Applied Power Electronics. LONG BEACH, Calif. Noteworthy highlights include the ORV3-compliant 66kW and. LONG BEACH, Calif. These solutions are designed to bolster the. As GPU-driven workloads are scaling aggressively, companies like NVIDIA are pushing the boundaries of server architecture creating unprecedented demand for high-density, high-power, high-efficiency, and scalable power solutions. Delta Electronics is emerging as a key power supply partner in NVIDIA. Delta has introduced a 5,500-W redundant power supply unit designed for AI data centers. It supports both 19-inch (1RU) and ORv3 21-inch (1OU) rack configurations. This unit recently received the new 80 PLUS® Ruby certification, a standard introduced in January 2025 that sets the most stringent.

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Article Content

Delta Unveils New Innovative AI Server Power

LONG BEACH, Calif., February 26, 2024 — Delta, a global leader in power and thermal management solutions, presented the next-generation power

Delta participates in NVIDIA GTC: demonstrating AI

During the event, Delta showcased its digital twin platform developed on NVIDIA Omniverse, which generates synthetic data to train its computer models to

Delta to Present Innovative Power Solutions for AI

Leveraging Delta''s 50+ years of expertise in developing a broad variety of high-efficiency power management solutions, the showcased power

Delta Unveils Next-generation Power and Cooling Solutions for AI

Delta''s new HVDC server power solution, designed through collaboration with NVIDIA, helps IT managers solve that challenge by offering groundbreaking power supply capacities.

Delta Electronics'' Edge in NVIDIA AI Power Ecosystem

Delta Electronics is emerging as a key power supply partner in NVIDIA AI servers, driven by its early investment in 800V DC architecture, high-efficiency power systems, and strong system

Delta''s 5,500 W power supplies achieve 97.5% energy efficiency for AI ...

Delta has introduced a 5,500-W redundant power supply unit designed for AI data centers. It supports both 19-inch (1RU) and ORv3 21-inch (1OU) rack configurations. This unit

Delta Presents Comprehensive Solutions for AI Data

Delta presents cutting-edge containerized AI data center and HVDC power solutions at COMPUTEX 2025. Featuring rapid deployment, efficient

Power shelves and dc-dc converter boost energy efficiency in AI

Delta announced presenting the next-generation power solutions capable of enhancing the energy efficiency in AI servers and data centers at IEEE Applied Power Electronics Conference

18kW power supply for AI servers

Delta has launched an 18kW power supply for AI servers in data centres. The Open Rack version 3 (ORV3) 1 OU 18 kW 6-slot-chassis power

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Delta unveils new innovative AI server power solutions

Delta, a provider of power and thermal management solutions, presented the next-generation power solutions capable of enhancing the energy

Unlocking Energy Efficiency: Delta''s Innovations in AI

At Delta, our dedication to advancing energy efficiency permeates every aspect of our operations, from the broader electricity grid down to the intricate workings of

Delta unveils power, cooling solutions for AI data centers

In traditional AI data centers, AI servers commonly occupy up to 3/4 of rack space, leaving limited room for power supply, backup power, and power

Delta to Deliver Higher Energy Conservation for AI

It includes Delta''s new 3kW power supply units (PSU), which boast over 97.5% peak efficiency, and can integrate the power management controller

Delta Electronics gains prominence in the AI server power supply market

With the rise of ChatGPT and other generative AI applications, AI servers tailored to meet the formidable computational demands of generative AI have emerged as a central focus. These AI

Delta participates in NVIDIA GTC: demonstrating AI

In addition, Delta also presented an integrated Open Rack Version 3 (ORV3) solution for AI server infrastructure with server power supplies boasting energy

Delta Unveils Next-generation Power and Cooling Solutions for AI

In traditional AI data centers, AI servers commonly occupy up to 3/4 of rack space, leaving limited room for power supply, backup power, and power capacitance systems.

Delta Unveils Next-generation Power and Cooling

In traditional AI data centers, AI servers commonly occupy up to 3/4 of rack space, leaving limited room for power supply, backup power, and power

Delta Demonstrates Digital Twin Developed on NVIDIA Omniverse

The showcase also includes Delta''s ORV3 AI server infrastructure solution, featuring power supplies with efficiency up to 97.5%, and a broad portfolio of cutting-edge DC/DC converters,

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