Advanced Energy Unveils 48-Volt DC-Input Power Supply for Telecom and Computing Applications

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DENVER--(BUSINESS WIRE)-- Advanced Energy (Nasdaq: AEIS) – a global leader in highly engineered, precision power conversion, measurement, and control solutions – today unveiled a new 48-volt DC-input power supply designed for compute, storage and networking applications. The new Artesyn CSU2000ADC-3 joins the company's market-leading CSU series of AC-DC power conversion solutions and broadens AE's product portfolio to meet data center power supply needs for telecommunications, data communications, cloud infrastructure and enterprise IT customers.

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The CSU2000ADC-3 has 48 V input and 12 V output at 2000 W. This new DC-DC power supply is the industry's only 2 kW carrier-grade power supply, providing unmatched scalability and a path for power capacity flexibility while satisfying unique carrier requirements for input cabling. It features an industry standard common redundant power supply (CRPS) form factor, making it simple for customers to design into their systems. Designed to serve a wide range of applications in traditional AC data centers, DC telco central offices, as well as increasingly-common DC data centers, the CSU2000ADC-3 delivers universal usage across these three environments, which reduces customers' development time, cost and risk.

"Our customers want a one-stop partner for power conversion solutions and this introduction of a 48-volt DC-input power supply is the next important milestone in building our complete CSU series portfolio," said Brian Korn, vice president and general manager of data center computing, telecom and network products, Advanced Energy. "Our new CSU2000ADC-3 provides our customers with the predictable performance and future-proof system designs they've come to expect from AE."

The introduction of the CSU2000ADC-3 comes at a time of exponential growth in data computing, storage and networking, fueled by accelerated adoption of cloud computing and Internet usage, as well as growing investments in hyperscale data center infrastructure, as the world experiences the 4^{th} industrial revolution. To meet the growing demand, today's data centers require increased compute density and that in turn requires a higher level of power density, where AE continues to lead the industry.

For detailed product information and technical specifications, visit the CSU2000ADC-3 product web page and the product data sheet.

About Advanced Energy

Advanced Energy (Nasdaq: AEIS) is a global leader in the design and manufacturing of highly engineered, precision power conversion, measurement and control solutions for mission-critical applications and processes. AE's power solutions enable customer innovation in complex applications for a wide range of industries including semiconductor equipment, industrial, manufacturing, telecommunications, data center computing and healthcare. With engineering know-how and responsive service and support around the globe, the company builds collaborative partnerships to meet technology advances, propel growth for its customers and innovate the future of power. Advanced Energy has devoted more than three decades to perfecting power for its global customers and is headquartered in Denver, Colorado, USA. For more information, visit www.advancedenergy.com.

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