

ABB modular UPS now available for small to mid-sized data centers in North America

Conceptpower DPA product expansion with 208V and 415V UL versions designed to easily scale for incremental additions of clean, reliable power.

RICHMOND, VA, United States —May 18, 2016 — ABB, the leading power and automation technology group, has expanded its modular UPS technology for use in small to mid-sized data centers, server rooms and other IT infrastructure applications by introducing the Conceptpower DPA 120 and the Conceptpower DPA 240 UL UPS systems. With over 15 years of experience in designing and manufacturing UPS systems, ABB continues to bring this expertise, now to the North American market.

The Conceptpower DPA 120 is the only true online, double conversion modular UPS on the market that is easily scaled to provide up to 600 kW of clean, reliable power. The fundamental component of the UPS is 20 kW slide-in modules. Respectively, the Conceptpower DPA 240 UPS consists of 40 kW slide-in modules that easily scale up to 1.2MW of power. Up to six module sets can be installed in a single frame, and five frames can be configured in parallel for both systems. UPS modules can be added to the system as power requirements grow, thus avoiding the need to over specify the initial design configuration.

The Conceptpower DPA's "online-swap modularity" (OSM) capability, in which modules can be inserted and removed with the UPS running, simplify routine maintenance and eliminate service-related downtime. Not only does this feature improve availability, but it also reduces cost, since service engineers spend less time on-site and any risk of data or production loss are minimized. Modularity ensures reduced inventory levels of specialized spare parts. Additionally, this online-swap technology helps achieve "six nines" availability (99.9999 percent), highly desirable for data centers in pursuit of zero downtime.

Reliability and availability are ensured by the Conceptpower DPA's proven Decentralized Parallel Architecture (DPA). Each module set contains all the hardware and software required for full system operation. The modules share no common components; each of them has its own independent rectifier, battery charger, inverter, static bypass, logic control and control panel. With all the critical components duplicated and distributed among individual units, potential single points of failure are eliminated.

"Going forward we will continue to add value to our customers with a complete portfolio of power quality products that are the safest on the market, highly configurable for customer applications, proven to be reliable, efficient, and scalable. Our complimentary lineup of UPS, power conditioning and power distribution products position our product group to meet almost any power protection requirement across the globe," said Hans Pfitzer, Local Business Unit Manager in ABB's Power Protection Product Group.

Conceptpower DPA UPS systems boasts the lowest total cost of ownership compared to other UPS systems by offering high energy efficiency, scalability and an optimized modular design to enable easy front access serviceability. A class-leading energy efficiency significantly reduces system running costs and cooling expenses. More importantly, the efficiency is optimized and significant savings are achievable under every working condition. The straightforward nature of the Conceptpower DPA simplifies every step of the deployment process, from planning through installation and commissioning to full use. Flexible setup and fast maintenance mean lower operating and maintenance costs.

The Conceptpower DPA 120 and the Conceptpower DPA 240 are part of ABB's broad range of products and integrated solutions that ensure data centers operate with optimum reliability and efficiency. From power distribution systems to enterprise management and grid connections, ABB provides savings in installation, energy, space and maintenance.

About ABB

ABB (www.abb.com) is a leader in power and automation technologies that enable utility, industry, and transport and infrastructure customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 135,000 people.

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