

Mitsubishi Electric Introduces New SUMMIT Series™ UPS

New Powerful SiC Semiconductors Take Efficiency, Performance and Reliability to New Levels

WARRENDALE, Penn. – September 3, 2015 – [Mitsubishi Electric](#), an industry leader in designing and manufacturing reliable, environmentally friendly uninterruptible power systems (UPS), today announces its latest three-phase UPS, known as the SUMMIT Series. This new UPS incorporates SiC (silicon carbide) semiconductors, the next generation of power modules, replacing the traditional Insulated Gate Bi Polar Transistors (IGBT).

Silicon carbide possesses many attractive traits as a power device, including higher switching frequencies and lower switching losses. In addition, silicon carbide inherently offers higher thermal conductivity, thereby promoting heat dissipation. These characteristics make silicon carbide the material of choice for semiconductors within the power industry.

Designed for data centers and other demanding mission-critical applications, the SUMMIT Series UPS is currently offered in 500 kVA with plans to introduce a 750 kVA model in the near future. Offering efficiencies greater than 98 percent at 50 percent load with a maximum efficiency 98.2 percent, the 500kVA UPS is a three-phase, on-line double-conversion system that supplies clean, continuous power to systems sensitive to fluctuations common in utility power. Higher efficiencies translate to lower energy usage and cooling costs, and also contribute to a lower total cost of ownership. Like other Mitsubishi Electric UPS products, the SUMMIT Series is lighter in weight than competitors' products and has a minimal footprint, which allows data center owners to maximize floor space.

“The new SUMMIT Series truly is a game changer in our industry,” said Dean Datre, general manager, Mitsubishi Electric Power Products' UPS Division. “The robust SiC semiconductor used to power the UPS modules takes performance and reliability to a previously unattainable level. The SUMMIT Series UPS is available now and is fully supported by Mitsubishi Electric Power Products, Inc.'s factory-direct, 24x7x365 services, training, and application expertise, as well as a three-year parts and labor warranty. For more information on Mitsubishi Electric's award-winning UPS products, visit www.meppi.com/Products/UninterruptiblePowerSupplies/products/Pages/default.aspx or call 724-772-2555.

Summit Series is a trademark of Mitsubishi Electric Power Products, Inc.



News Release

About Mitsubishi Electric Power Products, Inc. UPS Division

Since 1964, Mitsubishi Electric has manufactured precision-engineered, high quality uninterruptible power supplies to protect its customers' mission-critical equipment during times of power instability. Mitsubishi Electric leads the industry in designing and manufacturing reliable, environmentally friendly UPS systems to extend uptime, prevent data loss and protect against power surges. Mitsubishi Electric Power Products Inc.- UPS division offers systems in both single- and multi-module configurations and a broad range of kVA capacities. Visit www.meppi.com for more information.

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Contact:

Linda Morrow
Mitsubishi Electric Power Products, Inc.
Uninterruptible Power Supplies (UPS) Div.
724-779-1664
linda.morrow@meppi.com