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New Eaton 9PX UPS Maximizes Energy Efficiency, Reliability and Performance for Virtual Environments

Montbonnot, France ... Diversified industrial manufacturer Eaton Corporation today announced the availability of the Eaton 9PX uninterruptible power supply (UPS), the next generation of energy efficient 5 to 11 kVA future-proof UPSs for virtualised environments. For IT and facilities managers who are targeted with managing rising energy costs and consumption, the 9PX offers the ideal power protection solution due to its unmatched power density and power usage effectiveness (PUE).

The units feature up to 95% efficiency in online double conversion mode, and 98% in high-efficiency mode, with a power factor of 0.9, enabling them to deliver 28% more power than other UPSs in the same class. As a result, the 9PX is particularly suitable for users looking to protect their equipment in computer rooms and small data centres as well as in industrial, manufacturing and medical applications.

The devices come as a compact rack or tower delivering up to 5,400 W in a 3U form factor and 10 kW in 6U. To allow for enhanced manageability, a sophisticated graphical LCD display provides clear information on the UPS's full status and analytics as well as configuration capabilities. The multilingual screen also tilts 45° for ease of viewing and its position can be adjusted to suit rack or tower use. In double conversion topology the 9PX constantly monitors power conditions and regulates voltage and frequency for optimised capacity management.

Users have the option to monitor energy consumption via the LCD or through Eaton's Intelligent Power Software Suite, which is compatible with all major operating systems and

virtualisation software. Thus, the 9PX easily integrates with virtualised IT environments such as VMware vCenter, Microsoft HyperV, Citrix XEN and Red Hat KVM. Connectivity options are broad and include USB, Serial and Relay as well as a slot for an optional network card.

To ensure service continuity, in the unlikely event of issues with internal electronics for example, Eaton has equipped the 9PX with redundant components as well as with an internal self-powered bypass. On HotSwap models, a maintenance bypass is also available for easy replacement of the UPS without powering down critical systems. The devices allow for parallel operation so that users can either build a redundant solution or scale up their UPS system using HotSync technology to double the power at a later point in time depending on their infrastructure growth.

The 5 and 6 kVA models feature load segment control, which enables prioritised shutdowns of non-essential equipment to maximise battery runtime for critical devices. Eaton's Advanced Battery Management (ABM) technology includes a three-stage intelligent charging process that optimises recharge time, eliminates overcharging and continuously monitors battery condition. Thanks to ABM battery service life can be extended by up to 50%. Furthermore, users can increase runtime by adding up to 12 external hot-swappable battery modules. As a result, the system can provide power for several hours if necessary. All Eaton 9PX UPS units come with a two-year warranty covering the entire unit including batteries.

"Sustainability is at the core of Eaton's business and values. We are proud that with the Eaton 9PX UPS we can offer the market one of the most sophisticated systems in its class, and one that enables customers to save up to 40% in energy usage compared to other equivalent products available today," said Christophe Jammes, Product Manager at Eaton Power Quality. "At the same time, we are able to provide users with a future-proof solution thanks to the parallel operation capability and unmatched readiness for integration into virtualized environments."

To learn more about the Eaton 9PX UPS, visit www.eaton.eu/9PX. For more information about Eaton's complete range of power quality products and services, visit www.powerquality.eaton.com.

Eaton's electrical business is a global leader in power distribution, power quality, control and automation, power monitoring, and energy management products and services. Eaton is positioned, through its global electrical product series and solutions to answer today's most critical electrical power management challenges.

Eaton Corporation is a diversified power management company with more than 100 years of experience providing energy-efficient solutions that help our customers effectively manage electrical, hydraulic and mechanical power. With 2011 sales of \$16.0 billion, Eaton is a global technology leader in electrical components, systems and services for power quality, distribution and control; hydraulics components, systems and services for industrial and mobile equipment; aerospace fuel, hydraulics and pneumatic systems for commercial and military use; and truck and automotive drivetrain and powertrain systems for performance, fuel economy and safety. Eaton has approximately 73,000 employees and sells products to customers in more than 150 countries. For more information, visit www.eaton.com.

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