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News
Release

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Eaton Corporation Introduces New Powerware® Environmental Rack Monitor

PITTSBURGH ... Diversified industrial manufacturer Eaton Corporation today announced the availability of the Powerware® Environmental Rack Monitor, a new solution to provide IT and facilities managers with around-the-clock monitoring of environmental conditions at the rack level. The full-featured solution represents the latest product in Eaton's series of Powerware-branded data center solutions and furthers Eaton's commitment to the IT community.

The Powerware Environmental Rack Monitor is ideal for protecting critical data center assets from heat, humidity, smoke, water leaks, cabinet intrusion and other environmental conditions. The primary application for the Powerware Environmental Rack Monitor is high-density data centers, but the compact solution can monitor conditions in laboratories, hospitals, warehouses, libraries, museums and any other indoor location where environmental conditions must be maintained within acceptable levels. The device also features a built-in Web server and is accessible anywhere through a standard Web browser.

"In the past, a typical equipment rack consumed less than 5kW of power, but today's power requirements are pushed four times higher -- up to 20kW per rack -- due to blade servers," said Ed Komoski, vice president and general manager of Eaton's Power Quality Systems Division. "Even as IT environments get hotter, racks and equipment rooms are more tightly configured, leaving less space for open air circulation. The result is unbalanced airflow and undesirable hot spots in and around sensitive equipment, which can be disastrous."

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The Powerware Environmental Rack Monitor measures temperature and humidity at two locations in a rack and the status of up to four additional input contact sensors. The product displays real-time status to a PC, Internet-ready device or network management system and automatically notifies designated recipients of out-of-range conditions, via e-mail, PDA or pager.

“Research shows that heat-related issues are to blame for 60 percent of hardware downtime,” added Komoski. “Eaton’s new solution continuously monitors environmental conditions at the equipment or asset level, providing an extra layer of security for critical assets.”

The Powerware Environmental Rack Monitor features a zero U form factor making the device easy to place horizontally or vertically in any unused space in a standard rack application. The monitor simplifies operation with an intuitive Web browser interface and provides robust data graphing capabilities, auto-discovery and auto-aggregation utilities. The device also automatically polls and discovers up to 100 other rack monitors on the network, and can display the status of these rack monitors on a single Web page with real-time updates.

For additional information on the Powerware Environmental Rack Monitor or to learn about Eaton’s complete line of Powerware products and services portfolio, visit www.powerware.com.

Eaton’s electrical business is a global leader in electrical control, power distribution, uninterruptible power supply and industrial automation products and services. Eaton’s global electrical brands, including Cutler-Hammer® and Powerware®, provide customer-driven PowerChain Management™ solutions to serve the power system needs of the industrial, institutional, government, utility, commercial, residential, IT, mission critical and OEM markets worldwide.

Eaton Corporation is a diversified industrial manufacturer with 2006 sales of \$12.4 billion. Eaton is a global leader in electrical systems and components for power quality, distribution and control; fluid power systems and services for industrial, mobile and aircraft equipment; intelligent truck drivetrain systems for safety and fuel economy; and automotive engine air management systems, powertrain solutions and specialty controls for performance, fuel economy and safety. Eaton has 60,000 employees and sells products to customers in more than 125 countries. For more information, visit www.eaton.com.