CyberPower Introduces UPS System Designed for Building and Industrial Automation at 2018 AHR Expo

Protects and powers equipment while ensuring IoT edge computing and analytics

Shakopee, Minn. – January 22, 2018 – Cyber Power Systems (USA), Inc., a leader in power protection and management products, today introduced an uninterruptible power supply (UPS) system designed to protect building and industrial controls and devices from power failure, interruptions, over-voltages and surges. The CyberPower BAS34U24V protects controller and server platforms, networking devices, data loggers, remote facility monitors, and other equipment from power disruptions to avoid loss of vital data and service failures. The UPS system is the first in a series of automation power-protection products to safeguard equipment within building automation systems (BAS), energy management systems (EMS) and other production-related systems which run smart buildings and factories.

CyberPower is launching the product at the 2018 ASHRAE Winter Conference and AHR Expo for the HVAC and controls industries, January 22-24, at McCormick Place in Chicago. During the AHR Expo, CyberPower will feature product briefings at booth #4058 in the Building Automation and Control Showcase at McCormick Place. The product is compliant to the Construction Specification Institute (CSI) Division 25 standard for integrated building automation regarding facility controller backup.

The CyberPower BAS34U24V serves the growing shift from siloed building systems to an interconnected system of Internet of Things (IoT) devices and sensors that collect and share data within and across portfolios. According to research by IHS Markit, there are more than 4.3 million IoT devices in use in the commercial and industrial electronics sector which includes smart buildings and factories, contributing to more than 27 billion connected IoT devices worldwide in 2017.

A UPS system engineered for control panels and edge networks

Designed for IoT technologies, the BAS34U24V is a UPS system featuring line-interactive topology to regulate voltage without having to switch to the battery. "Today's smart buildings and industrial systems rely on computing and analytics placed close to the network edge. The CyberPower BAS34U24V protects connected edge devices on the plant or building floor, such as controllers and sensors, from damaging power events like surges, spikes and black-outs. The unit provides a continuous flow of clean power to ensure efficient building and equipment operation that, in turn, will flow clean data and analytics to maintain accurate building management," said Tim Derochie, director of product management at CyberPower.

The UPS system provides DC power supply, surge protection and an internal, space-saving backup battery for long-lasting protection. Features of the CyberPower BAS34U24V include:

- Compact form factor and DIN rail mount allows for secure installations inside controller cabinets.
- A high density lithium-ion battery and an innovative electronic design with DC output yields an extended battery runtime of up to four hours at 80 percent rated capacity.

- SNMP internet-standard protocol provides critical information and alerts, such as remaining battery runtime and power conditions.
- Regulatory and safety certifications for the UPS system include UL 60950-1 and FCC Class B.

About Cyber Power Systems (USA), Inc.

CyberPower designs and manufactures uninterruptible power supply systems, power distribution units, surge protectors, remote management hardware, power management software, mobile chargers and connectivity products. The company serves customers in enterprise, corporate, industrial, government, education, healthcare and small office/home office environments. CyberPower products are available through authorized distributors and sold by value-added resellers, system integrators, managed service providers, select retailers and online resellers. For more information, visit: https://www.cyberpowersystems.com/.

Note to editor: A photo of the CyberPower BAS34U24V and caption is available at: https://s3-us-west-2.amazonaws.com/cyber-power/images/graphics/CPU_BAS_PressRelease_V2.jpg.

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