
Poole, UK

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New UPS solution for traffic control launched by Siemens

Siemens new Uninterruptable Power Supply (UPS) solution provides reliable backup power at network-critical intersections. The new solution is specifically designed and optimised for use in traffic signal applications to ensure that full traffic control is maintained during short term power interruptions and longer term mains power failures. In the event of a power failure, the UPS system switches transparently between mains and battery support without interrupting the operation of the traffic controller, ensuring there is no disruption to traffic control.

According to Keith Manston, Head of Product Management, the new UPS system uses the latest lead crystal battery technology to deliver excellent charge performance, very high operating efficiency and enhanced operational life. 'Lead crystal batteries offer an operational life of typically 6 to 12 years, compared to 2 to 4 years achievable with standard lead acid types and provide a charge time which is potentially faster than conventional lead acid batteries,' he said.

Temperature resistant and easier to transport, lead crystal batteries offer a much wider operating temperature range than traditional lead acid batteries and are classified as non-hazardous making them safe to transport by land, sea or air. For most traffic applications, the use of these batteries eliminates the need for special cabinets, reducing the overall cost of the UPS solution and increasing their reliability.

'With no requirement for expensive and large air conditioned enclosures, the new UPS solution can be housed in standard Siemens ST950-style controller cabinets and is both scalable to suit intersection load capacity of up to 2KW and ideally suited to LED sites,' Manston added.

UPS fault and status reporting is provided by a Siemens Remote monitoring and UTC and optional enhanced management of the UPS system can be delivered via a dedicated IP connected management system.

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For further information and **press pictures** please see: www.siemens.co.uk/traffic

Siemens in the UK

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Siemens has offices and factories throughout the UK, with its headquarters in Frimley, Surrey. The company's global headquarters is in Munich, Germany. For more information, visit www.siemens.co.uk

* Data includes intercompany revenue. Data may not be comparable with revenue reported in annual or interim reports

Siemens Mobility and Logistics Division

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