

A CASE STUDY FROM KOHLER UNINTERRUPTIBLE POWER

No fires to be missed: Kohler provides power protection to Fire HQ Birmingham

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When West Midlands Fire Service secondary command HQ's existing power protection device, a 3-year-old uninterruptible power supply (UPS) failed and the supplier could not respond in a timely fashion, they knew they had to contact a new supplier to help source a new UPS.

With the UPS maintaining power to the crucial servers and communication equipment, a sudden loss of mains power could be catastrophic to the public and local commercial environments:

"Secondary command provides backup to the main fire HQ's operational capacity. In a worst-case scenario, a power loss at secondary control could have meant that all emergency calls would have been transferred to London, which could cause confusion and a delay in sending fire teams. Any delay in responding to an emergency could be catastrophic, possibly resulting in loss of life, serious injury, loss of property as well as the loss of valuable data and communications for West Midlands fire." Explains Paul Green, Consultant Electrical Engineer

Kohler Uninterruptible Power (KUP) had assisted on several projects with the consultancy firm;

"I had an emergency to resolve with the failed UPS, and I knew I could turn to



KUP and receive a very prompt and professional response." continued Paul

The command centre required a critical load system that would support 60kVA and that would be placed on the ground floor. However, the need for a UPS came in as the country's situation with COVID-19 was rife.

KUP was able to put forward a PowerWAVE 8000DPA, a three phase modular UPS which offers incredible energy efficiency, 99.9999% availability and flexible scalability. The system supported the load of 60kVA N+1.

***"At this challenging and unprecedented time, we want to serve our customers to ensure business continuity."* Rob Taylor, Sales Director at Kohler Uninterruptible Power**

As it was only the uninterruptible power supply that needed replacing KUP was able to utilise the existing batteries and configure them to the new system, for which Paul was very grateful: *"These exceptional circumstances with COVID-19 created a major challenge. Kohler stepped up to the challenge and responded in the very tight time frames required."*

Working promptly, KUP factory-trained field service engineers installed and commissioned the system with no issue; *"a reliable company who are able to deliver what is promised by using*

knowledgeable staff and with excellent products."



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