



## EMERGENCY LIGHTS, CAMERA, ACTION: STANDBY POWER FOR CINEMA CHAIN

**A loss of power can prove to be a costly occurrence for cinemas having to refund unhappy film goers; it can also result in huge legal issues if they don't meet with strict laws to ensure the safety of their consumers.**

In order for Concept Electrical UK Ltd's work with Showcase Cinemas to meet safety procedures, they needed to source and install standby power for emergency lighting in three cinema sites across the UK. To do this, the company approached UPS Systems plc.

**"I would have no hesitation in using UPS Systems for future projects."**

Jamie Duggan – Concept Electrical UK Ltd



### THE CHALLENGE

EN50171 is a European regulation that governs the installation of emergency lighting. Standby power systems must provide power to support emergency lighting for at least 3 hours. The specifications of a standard UPS do not meet those specified by EN50171, therefore a specific static inverter must also be used.

The three cinemas located in Reading, Leeds and Nottingham, with a total of 42 screens, were in need of backup power to support their emergency lighting. The cinemas in question were undergoing renovation at the time. It was therefore important that the solution was able to fit into the schedule of work already in place, which was outlined across five months.

## THE SOLUTION



After discussing and being able to meet the timescale requirements, UPS Systems proposed one 500W static inverter per screen. Complete with

batteries, this would provide 3 hours run time for the emergency lighting system. The units themselves were delivered in advance and electrically installed by Concept Electrical. An engineer was then scheduled to attend the site to complete the battery build and commission each unit.

As expected, dates within the process became subject to change with outside factors influencing the completion date. This was no issue however, as UPS Systems were able to plan and adapt to all changes to the original schedule.

## CLIENT'S PERSPECTIVE

Jamie Duggan, Managing Director at Concept Electrical said: "UPS Systems provided a flexible approach when faced with a complicated large project involving numerous strict programme deadlines, ensuring that the project was delivered without problems."

## THE OUTCOME

The work done by UPS Systems and Concept Electrical Ltd means that each screen within the three cinema locations will now have three hours of emergency lighting during the event of a power failure. This ensures both the safety of those on site, as well as compliance with the EN50171 legislation.



## THE UPS SYSTEMS PROMISE

The largest manufacturer-independent supplier of standby power solutions in the UK

Widest range of UPS, generator and fuel cell products available

Impartial advice and solutions tailored to meet your continuous power needs

Product specification, selection, sourcing and complete project management

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