



Power for Critical Communications

AC UPS & Long Life Maintenance Free Lead Crystal® Batteries

North Lincolnshire and Goole NHS Foundation Trust provides acute hospital and community services to a population of more than 350,000 people across North East Lincolnshire and East Riding of Yorkshire.

Due to the nature of its services, it recognises the importance of protecting its communication equipment with a robust UPS and has been working with Harland Simon UPS for a number of years to ensure the continuous delivery of clean and reliable power to its access layer network cabinets which supply services to three acute hospitals delivering data and wireless services and Voice over IP (VOIP).

Harland Simon UPS has delivered a bespoke UPS solution of the appropriate form, fit, function to the trust with the introduction of innovative new Lead Crystal® battery technology, which minimises ongoing maintenance, repair costs and improves long-term ROI.

Harland Simon has brought innovative new Lead Crystal® batteries to the UK which have up-to-three times as much durability as other batteries, lasting over seven-and-a-half years at +40°C, providing a greener alternative to lead acid batteries, are a far more cost-effective alternative to lithium ion batteries and furthermore, they work more efficiently in hot temperatures.

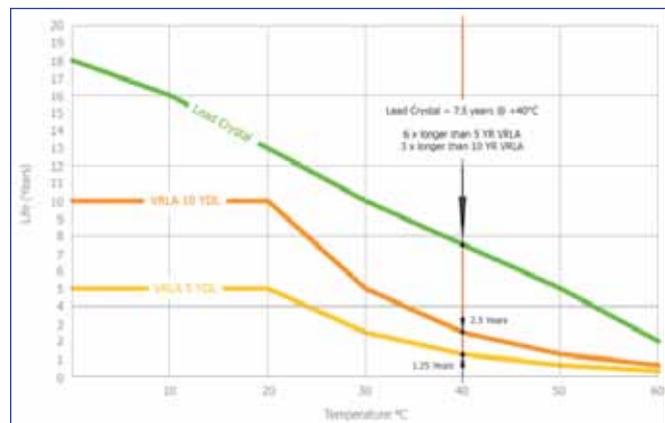
In the event of short power cuts, mains voltage variation or power spikes the UPS system delivers a reliable 240V mains supply and ensures business continuity.

The trust plans to phase the Lead Crystal® batteries into its 100 network cabinets over the next three years, each accompanied by a Maintenance Bypass Switch thus ensuring minimal servicing requirements and the ability to replace the UPS after seven years in minutes and without impacting delivery of services.

By lasting significantly longer, Lead Crystal® batteries require less maintenance, resulting in the trust seeing a reduction in repair

costs and ultimately a greater ROI over a longer period of time.

Lead Crystal® Longer Service Life at High Temperature



David Bell, Network Technical Engineer at the North Lincolnshire and Goole NHS Foundation Trust said: *“The network infrastructure provides the foundation of our IT and telephone network. It is crucial we minimise the risk of power outages to our network as far as possible. Installing UPS with Lead Crystal® batteries will not only ensure we have continuous uninterruptible power supply but it makes both environmental and financial sense when looking at the long-term picture.”*

James Lacey-Hatton, Network Services Manager added: *“By introducing the latest UPS technology, the trust can ensure the maximum availability of our voice and data networks. Healthcare is a 24/7 business, patients and staff rely more than ever on the availability of technology delivered by these underlying networks.”*



- » No maintenance
- » Install and forget
- » No costs for 5-10 years
- » Remote monitoring software
- » Standard battery lasts 1-3 years
- » Very long 'maintenance free' life
- » Lead Crystal® battery lasts 7-10 years
- » 7½ years @ +40°C | 10+ years @ +30°C
- » No battery replacement/disposal costs
- » Reliable UPS fitted with long life Lead Crystal® batteries

