



UPS Solutions for NHS Estates | Facilities | IT Applications

1 - 10 kVA HPU-E Series UPS & Batteries
with 5 Year Warranty

Harland Simon has been a specialist supplier to the National Health Service for over 15 years offering UPS power protection systems providing best in class solutions giving excellent return on investment.

Our solutions for 1kVA - 10kVA Tower and Rackmount UPS systems provide backup of critical IT infrastructure without the ongoing maintenance and servicing costs.

*Remote Management SNMP Card or
Alarm Card*



*Fitted with industry
standard sized
Lead Crystal® Batteries*

Standard 1-10 kVA Tower or Rackmount UPS

5 Year Warranty
on UPS
and
Lead Crystal®
Batteries



UPS fitted with our Lead Crystal® batteries providing maintenance free operation for at least 10 years give the following benefits at +30° C operating temperature.

- routine maintenance costs reduced to zero ~ Fit and Forget
- UPS with Lead Crystal® batteries at start of life requires no replacement for 7 to 10 years if temperature doesn't exceed +40°C
- recurring capital costs are reduced
- battery installation and disposal costs are removed saving money and helping the environment
- air conditioning not required even when room temperature with LCB increases to +40°C ~ save energy

For standard Valve Regulated Lead Acid (VRLA) batteries the lifespan is reduced by 50% for each 10°C above 20°C, so a 5 year design life battery will need replacing after approximately 2.5 years at continuous +30°C use.



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NHS Sites

Harland Simon selects products from the best UPS manufacturer's to provide:

- resilience and 'five 9's' (99.999%) availability delivered from modular and N+1 system designs
- high efficiency systems providing real cost savings in energy costs over existing UPS systems
- battery systems specified to deliver the required autonomy while ensuring that the selection of battery, including our own Lead Crystal® battery delivers the very best solution against a range of selection factors including cost, size and environmental conditions,



Local Support

Although the main infrastructure components within a hospital site are supported, the loss of local services can have a significant impact therefore Harland Simon has developed 'feel better' UPS solutions for the hospital IT Director and Estates to allow UPS systems to be installed anywhere thus allowing the trust to save money, reduce maintenance costs and allow the hospital to protect the key local services.

We can provide small systems which support a printer or local device for many hours in a compact solution.



Whole Life Cost Savings Lead Crystal® Batteries vs Lead Acid Batteries



- * Figures based on a 2kVA Riello UPS with internal batteries and assuming UPS is located into comms. cabinet at continuous +30°C
- * UPS fitted with Lead Crystal® batteries will perform for over 10 years with no maintenance or battery replacement at +30°C
- * UPS fitted with 5 year design life VRLA batteries will need replacing every 2.5 years
- * Estimated cost for engineer to refit battery at £150/hour assumed 2 x hours

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