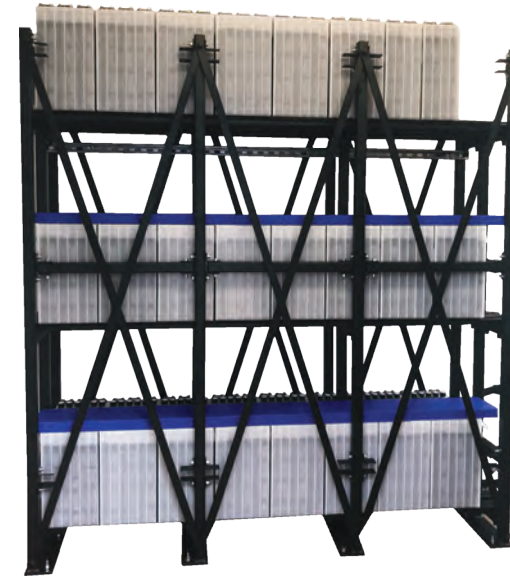


CONTAINERISED POWER SOLUTIONS

Harland ProtectUPS[®]



Not all applications which require a standby power supply need to be a permanent installation. On occasions you may need to expand your power capacity but don't have the space, in this case you may want to consider a containerised solution for your power needs. A containerised solution could comprise of a generator or UPS or both. Harland Simon UPS LTD provide a range of solutions which comes with all the relevant switchgear for the solution to integrate on site.



Battery Rack

We can offer NiCD | VRLA | Lithium | Ion
If required, the batteries can be fitted elsewhere if needed.

UPS

1 - 500 kVA

Any UPS can be installed depending on customer requirements, whether it be a standalone application, or a ruggedised unit.



Ventilation/Heating

Regulating the temperature of the environment of the container will help to maintain the UPS.



Bypass Switch

For safety reasons, manual bypass switches are installed in case of high inrush or fault conditions.

Cable Containment System

All cables and electrics can be controlled inside of the container to ensure ingress protection.



Typical Containerised Solution Specification:

- 1 phase | 1 phase, 3 phase | 1 phase, 3 phase | 3 phase
- 1 - 500 kVA (upon request we can offer personalised solutions)
- Autonomy - customer specific
- Batteries - NiCD | VRLA | Lithium Ion
- Specialist delivery
- Maintenance/service plans available
- UPS fully installed with Battery Racks (batteries can be in separate area if required)
- Segregated rooms (optional)
- Enclosures in sheet steel or GRP construction
- Air conditioning or natural ventilation
- Scalable Power (expand as you do)
- Steel bases or open base
- Cable access systems incorporated to ensure ingress protection
- Cable containment systems fitted internally prior to dispatch cutting out site install times
- Equipped with all electrical services, including lighting, power, heating, intruder and fire alarms (as required within customer spec)
- Internal fire suppression systems (optional - recommended)

Maple Lodge Case Study

Maple Lodge (Thames Water), is a water treatment works that required 2 UPS's to back-up their site. They did not have the space to fit both into an on-site building, however, Harland Simon UPS Ltd. provided them with a solution allowing them to fit both units onto their premises; a containerised solution was what they needed, expanding their capacity without making permanent changes.

