

BATTERY SOLUTIONS BROCHURE



Extended Runtime Battery Pack Solutions

Products, Services & Capabilities



Features

- Complete 19" Enclosure
- 19" Rack Modules
- Standalone Cubicles
- Panel Mounting Modules
- Extended Runtime Battery Cubicles
- Full Project Management Service available
- Retrofittable



## Free Standing Systems

Fully assembled Free Standing Enclosures on castors designed for easy delivery/ installation and for Plug and Play operation with any UPS.

The customer simply plugs the battery pack into the UPS to give an Extended Runtime.

- Plug and Play Operation
- Supplied with 2M AC & DC Lead
- Range of Standard Enclosures
- Range of Standard Batteries
- Range of Standard Chargers
- 10 year High Performance Yuasa VRLA to BS6290/4
- 24AH to 100AH Battery Blocks
- Recharge Time Selectable - 12, 24 or 48 hours



## 19" Enclosure Systems

Complete 19" Rack Enclosure solution including: Enclosure, UPS, Bypass, Distribution, Charger and Batteries.

- Complete 19" Solution
- With or Without UPS (Customer can Supply)
- 24U - 42U Enclosure
- Glass or Solid Rear Door Option
- Modular Design: UPS Module
  - Bypass/Connection Module
  - Static Bypass Module
  - DC Connection/Charger Module
  - Battery Shelves
- 10 year High Performance Yuasa VRLA to BS6290/4
- 24AH to 100AH Battery Blocks
- Standard Room Installation/Ventilation
- Ingress Protection from Standard IP31 up to IP54
- Dual Redundant Cooling Fans





## 19" Tray Systems

Fully assembled 19" Tray Modules for installation into customer's own 19" Enclosure and connection to customer's own UPS.

The customer simply plugs the battery pack into the UPS to give an Extended Runtime.

- Plug and Play Operation
- 3U or 5U Option (800D Enclosure required)
- Multiple 7AH, 9AH or 24AH Battery
- 10 year High Performance Yuasa VRLA to BS6290/4
- Selectable Recharge Time
- Packs can be Paralleled for Long Runtimes
- Parallel Packs to give Redundancy
- DC Connections are via a Selectable Connection Plate
- DC Bus to suit Customer's Requirement



## Panel Systems

Supply of separate components for customer to install in their own panel Harland Simon will supply UPS, Charger, Connections Module, Bypass and Batteries complete with Cabling for customer to install onto shelves to best meet their panel's space constraints

System Features:

- Modular Design
- UPS Module
- Alarm Card (Volt Free Contacts)
- Manual Bypass
- Charger/Connection Module
- Loose Batteries
- 230VAC Systems up to 6kVA
- 110VAC Systems up to 3kVA
- Battery Runtime and Recharge to Suit
- Easy Installation and Connection
- 24AH to 100AH Battery Blocks
- 10 year High Performance Yuasa VRLA to BS6290/4



Harland Simon is a leading independent supplier of Power and Service Solutions

As well as our own product portfolio which includes AC and DC Power Solutions, Marine Power Solutions, Inverters/Converters, Extended Runtime Battery Pack Solutions, IP54 Enclosures, Bypass Systems and Generators we are also able to supply UPS products from the following Manufacturers: Alerex, Alpha Technologies, APC, Eaton, Emerson (Chloride), Nova Electric, Riello UPS and Technology Dynamics Inc.

UPS products are available from 300VA - 800kVA  
Diesel Generator sets from 5kVA - 3300kVA



Harland Simon caters for all Market Sectors, divided into four main categories;  
COMMERCIAL: Building Services, Comms/IT, Site Services & UPS Partnerships  
DEFENCE: Air, Land, Sea and Joint Services  
INDUSTRY: Manufacturing, Marine/Petrochemical, Transportation and Utilities  
PUBLIC SECTOR: Education, Government, Health and Services

We offer a comprehensive range of capabilities including: Customised and Bespoke Products, Pre-Sales Support, CAD Design and Engineering, Project Management, Project Specific Documentation, Factory and Site Testing, Site Installation, Service and Maintenance Plans



Harland Simon offer free site surveys for any application and our technical capabilities cover from initial design to life of product support

Harland Simon are able to offer standard or custom built solutions to meet customer detailed specifications

Harland Simon undertake full site installations including method statements and risk assessments. This along with site commissioning, Harland Simon offer full turnkey packages as required

All of the above mentioned services are offered on a nationwide basis via trained engineers

Harland Simon is ISO9001:2008 certified



harland simon  
power solutions



Harland Simon UPS Ltd • Bond Avenue • Bletchley • Milton Keynes • MK1 1TJ  
T: 01908 56 56 56 • F: 01908 56 84 00  
E: enquiries@hsups.co.uk • W: harlandsimonups.com