

UTILITIES BROCHURE

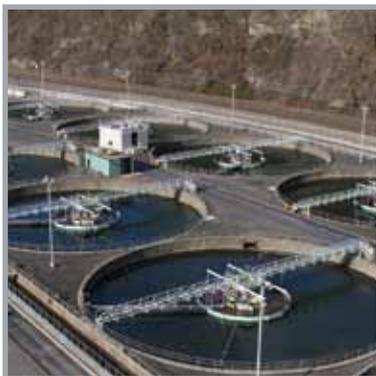


Process & Panel Applications

Wall, Floor, Loose & 19" Enclosures

Features

- 110VAC & 230VAC up to 6kVA
- 400VAC 3 Phase up to 120kVA
- 19" Enclosures up to IP54
- Floor Enclosures up to IP54
- Wall Enclosures up to IP54
- Stand alone Cubicles
- Loose Panel Mounting Modules





19" Enclosure System

A complete Turnkey Solution, Single Phase or Three Phase complete 19" Rack Enclosure solution including: Enclosure, UPS, Bypass, Distribution, Batteries and Charger

System Features:

- With or Without UPS (Customer can Supply)
- 24U to 42U 19" Enclosure
- Glass Door and Solid Rear Door
- Modular Design
- 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



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
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- 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



Free Standing Systems

Fully assembled Free Standing Extended Runtime Battery Packs on casters designed for easy delivery and installation designed for Plug and Play operation. The customer simply plugs the battery pack into the UPS to give extended run times. Can be retrofitted to an existing installation.

System Features:

- UPS modules up to 20kVA Single Phase
- Plug and Play Operation
- Supplied with 2M AC & DC Lead
- Range of Standard Enclosures
- 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



IP54 Wall & Floor Enclosures

Complete integrated IP54 UPS Solutions built into Wall Mounting or Floor Standing Enclosures

Designed to fully meet detailed Water Company specifications including WIMES 3.07

Wall Panels up to 3kVA - 110VAC & 230VAC

Floor Enclosures from 5kVA to 120kVA

Single or Three Phase

System Features:

- UPS Module
- Battery Pack
- Charger
- Static Bypass
- Manual Bypass
- Volt Free Contact Alarms
- SNMP
- Modbus and Profibus
- Distribution
- Dual Redundant Cooling Fans



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



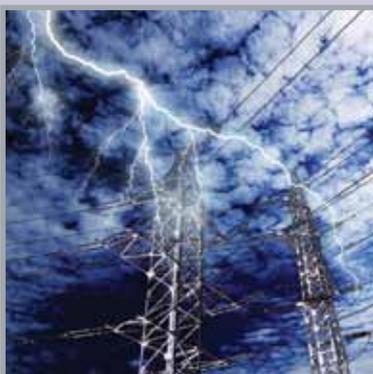
Harland Simon offer free site surveys for any application and our technical capabilities cover from initial design to life of product support

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



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power solutions



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