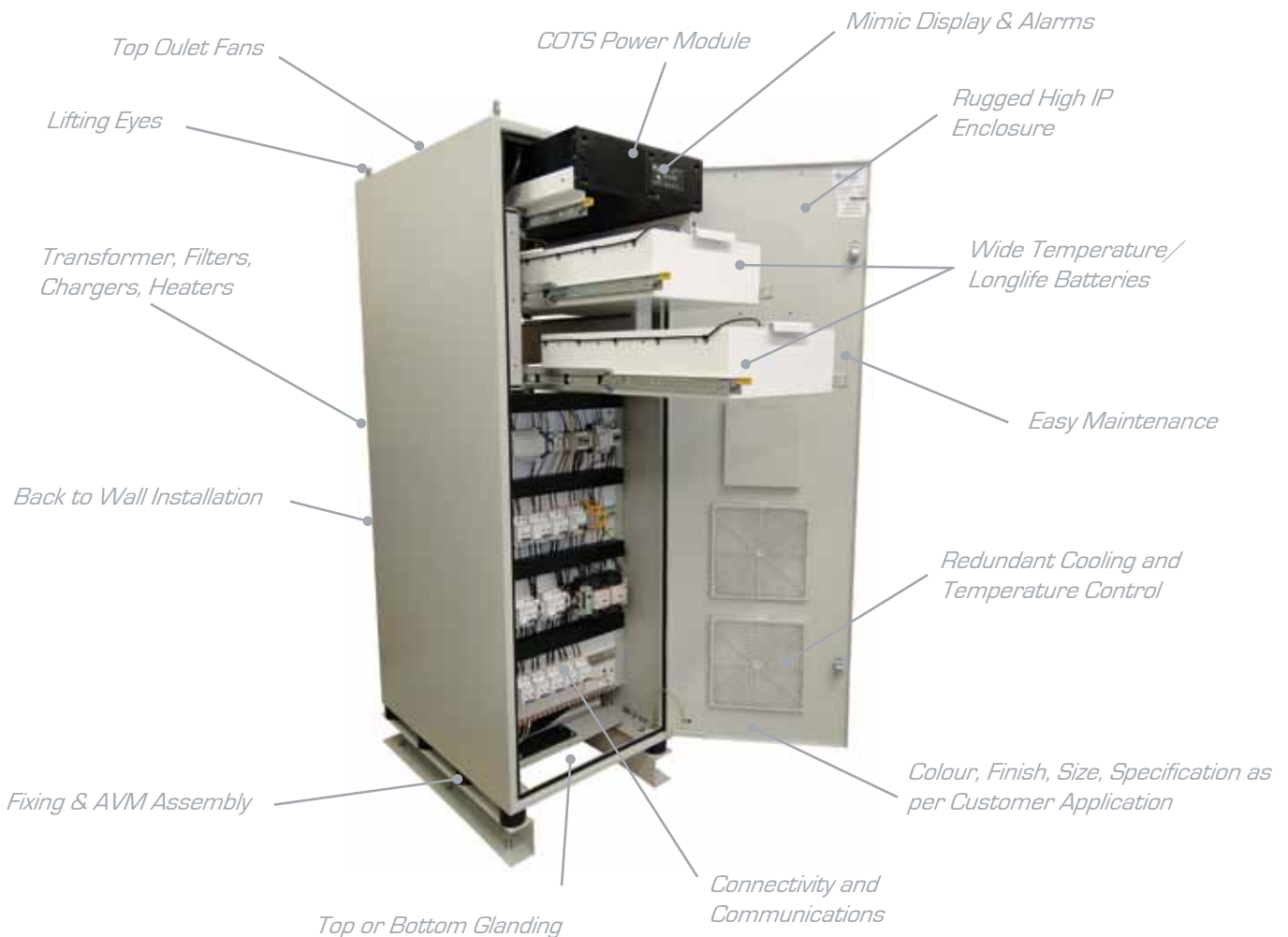




Harland ProtectUPS® Protected Uninterruptible Power

The Harland ProtectUPS® is a range of rugged power protection systems that has been specifically designed and manufactured to provide uninterrupted power to support critical equipment applications in harsh conditions.



The Harland ProtectUPS® range comes with many options (see above) which are specific to the end application and incorporates special features and modifications using worldwide supported rugged commercially available modules and components.

Each module within a system is designed to be fully field replaceable with readily available form-fit-function alternatives for easy customer maintenance and ultra longlife.

The customer has the option to either select an existing model from the extensive Harland ProtectUPS® range or a bespoke system specifically designed and installed to meet a variety of specifications, i.e. WIMES (water), MILSTAN/DEFSTAN (defence), IACS-E10 (marine), LUL and Network Rail.

A custom solution with limited design and correct form-fit-function comes with Harland Simon's trustworthy guarantee of a longlife trouble free operation.

The Harland ProtectUPS® is backed up by our design, manufacture, test, installation, operation and service support teams of dedicated and qualified engineers.

In-house design, manufacturing and testing operates in our ISO 9001:2008 approved Milton Keynes factory.



Harland ProtectUPS®

The Range

Harland ProtectUPS® - Defence

Features: rugged AVM case mounted UPS suitable for field operation in harsh environment
 Options: 1-10kVA, wide temperature, high IP, Lead Crystal® batteries, mil connectors, EMC, MILSTAN/DEFSTAN
 Applications: field communications, security
 Industries: air, land, sea and joint services



3kVA Rugged Case Mounted UPS



7kVA Rugged Case Mounted UPS & Batteries



40kVA UPS on runners in IP54 Enclosure

3kVA UPS & Lead Crystal® batteries in IP20 Enclosure

Wall Mounted IP54 UPS

Harland ProtectUPS® - Industrial

Features: integrated enclosure mounted AC and DC UPS, protected against the environment
 Options: 1-800kVA, IP21-65, modular, transformers, distribution, environmental control, long life batteries designed to meet WIMES 3.07 [water specification]
 Applications: control and instrumentation, security, valve actuators, pumps, comms
 Industries: water, power and manufacturing

Harland ProtectUPS® - Marine

Features: marinised power protection system fitted with AVM and fixing assembly with integrated distribution
 Options: 1-100kVA, ATS, transformer, battery, distribution, EF, EMC, ESD, charging
 Applications: IT, dynamic positioning, thrusters, comms., control and automation, lighting, fire and gas
 Industries: shipping, oil and gas, offshore and onshore



Citadel DC UPS

15kVA UPS in IP54 Enclosure

3kVA UPS in IP23 Enclosure



Modular Rail UPS

N+1 Container Frequency Converter

Wide Temperature Roadside UPS with Lead Crystal® batteries

Harland ProtectUPS® - Transport

Features: rugged integrated AC and DC UPS system
 Options: 1-100kVA, modular AC and DC power, batteries, enclosure, ruggedised, communications/remote monitoring
 Applications: signalling, communications, control
 Industries: air, rail, road and sea

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