



Marine and Offshore

AC and DC Rugged Marine Power Solutions Products, Services and Capabilities

Harland Simon is an independent supplier of rugged UPS offering a comprehensive range of marine products designed and built to meet all marine societies (IACS-E10) such as DNV, Lloyds, ABS.

AC UPS for Marine Applications - Off the shelf Marine UPS

Harland Simon can provide you with a range of off the shelf marine approved UPS.

The 1kVA-3kVA range of marine ups are all CE marked and true online [zero transfer time.

Our single and three phase marine UPS range from 700VA to 1100kVA and all UPS up to 15kVA are DNV, BV and ABS type approved except for the 9PHD, 9390 and Power Xpert 9395 where a classification survey report is available on request.

The higher power UPS modules are modified in the Helsinki factory to meet more demanding marine requirements:

- Higher ingress protection to IP22
- Anti-vibration mounts
- Deck/bulkhead fixing assembly
- Transformers for IT mains and custom voltages
- Longlife battery modules

All GE and Eaton Marine UPS are True On-Line double conversion UPS of high specifications and high reliability:

- High efficiency & low harmonics
- High load power factor
- Advanced battery management (ABM)
- Parallel hot sync redundancy
- Comprehensive communications
- Configurable voltage and frequency
- Matching marine battery enclosures
- Frequency converter



GE VH 700VA-3000VA Series



9130 M | 1-3kVA (DNV)



EX M | 1-3kVA (DNV)

9155 M | 8-30kVA



9PHD | 30-200kVA



- » Off the shelf marine approved AC UPS
- » Harland ProtectUPS® - Marine
- » Custom AC UPS systems
- » Custom DC UPS systems
- » Marine DC products
- » Rugged design
- » Marine approved to IACS-E10
- » AVM and high IP rating



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AC UPS for Marine Applications - Harland ProtectUPS® - M

The range of Harland ProtectUPS® - Marine has been designed and built to meet the harsh environment requirements such as extreme temperatures, high levels of shock and vibration and each UPS system is normally fitted with AVM's and protected to IP22 as a minimum and up to IP54.

The Harland ProtectUPS® - Marine is manufactured for the end application and its ultimate positioning is critical to the design so it can support many typical on board applications such as dynamic positioning, thrusters, security equipment, communications and critical IT and navigational equipment.

Larger systems may also include special batteries fitted on seismic offshore racks.



The Harland ProtectUPS® - Marine Type Approved (MTA) range, meets the standards of the International Association of Classification Societies (IACS), covering the highest standards set by all twelve approval authorities, thus allowing the Harland ProtectUPS® - MTA to be installed on all vessels quickly and easily.

DC UPS for Marine Applications - Harland ProtectUPS® - M

Harland Simon offers a comprehensive range of high reliability DC power solutions using linear or switched mode technology supplied in purpose built enclosures complete with customer requirements and suitable for the proposed environment.

The DC range of power solutions includes rugged, high ingress protection, environmental protection, high reliability and redundancy as well as compliance with the relevant standards.



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