

**POWER PROTECTION SOLUTIONS
FOR THE MOST DEMANDING ENVIRONMENTS**

AMP POWER PROTECTION

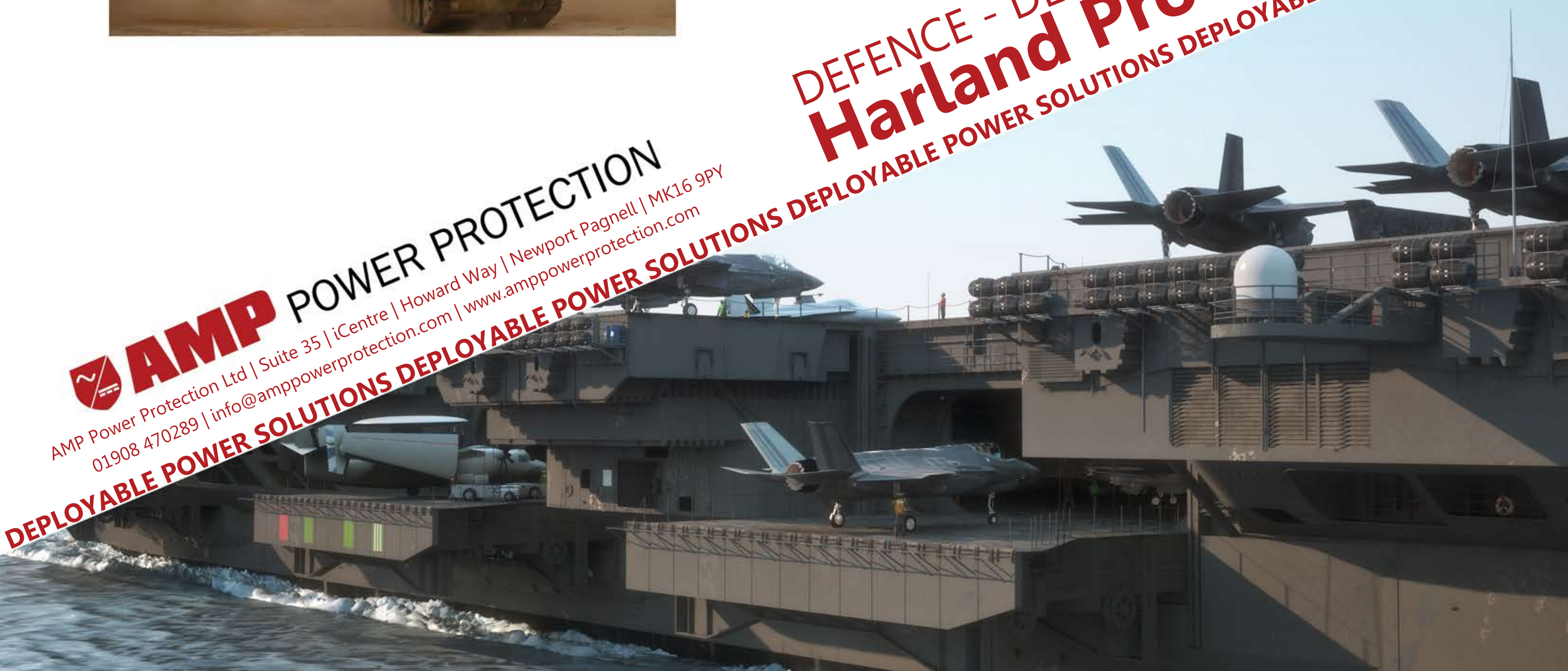


**HARSH ENVIRONMENT
UNINTERRUPTIBLE
PROTECTED
POWER**

**DEFENCE - DEPLOYABLE
Harland ProtectUPS®**



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DEPLOYABLE POWER SOLUTIONS DEPLOYABLE POWER SOLUTIONS DEPLOYABLE POWER SOLUTIONS

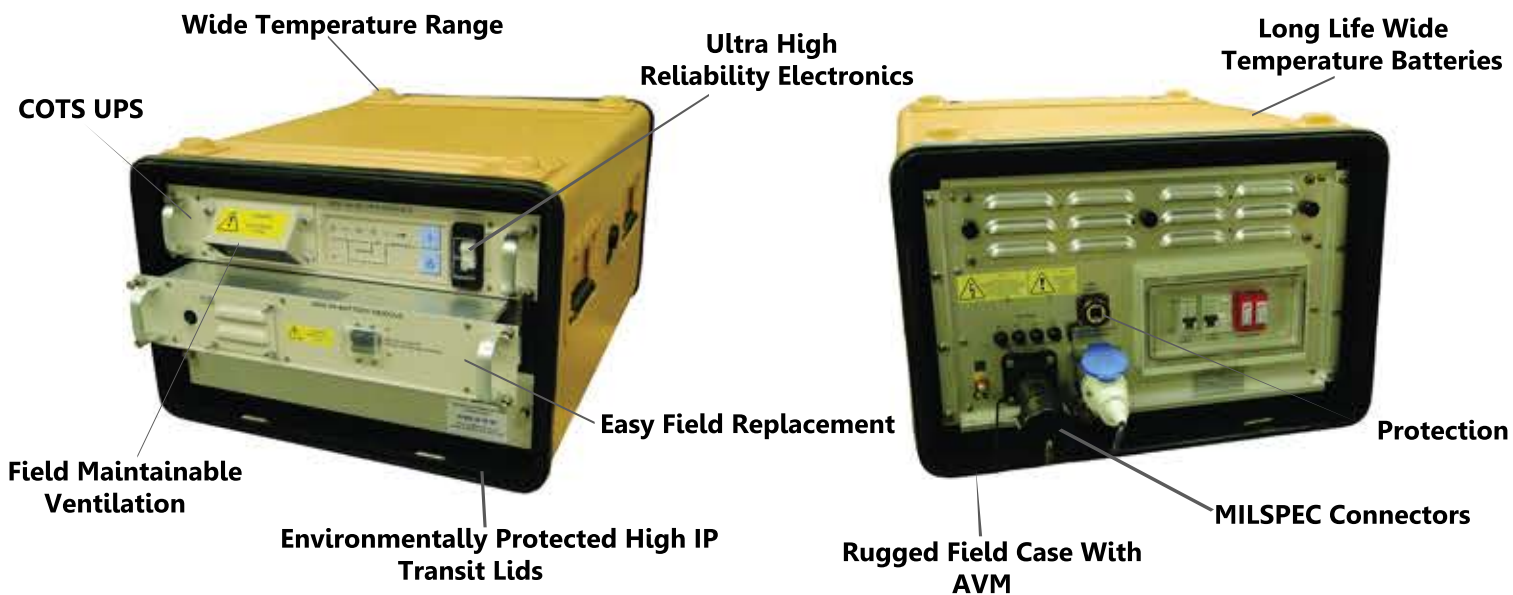


DEFENCE UPS - Deployable Power Solutions

Harland ProtectUPS® - D



The Harland ProtectUPS® - D, is a range of rugged and environmentally protected power protection systems, that have been specifically designed and manufactured to support critical defence security equipment in harsh field environments.



The Harland ProtectUPS® - D range comes with many options 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 formfit-function, alternatives for easy customer maintenance and ultra longlife.

The customer has the option to either select an existing model form the extensive Harland ProtectUPS® range, or a bespoke system specifically designed to meet a variety of specifications including MILSTAN/DEFSTAN.

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

The Harland ProtectUPS® - D 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 9001:2015 approved Newport Pagnell factory.

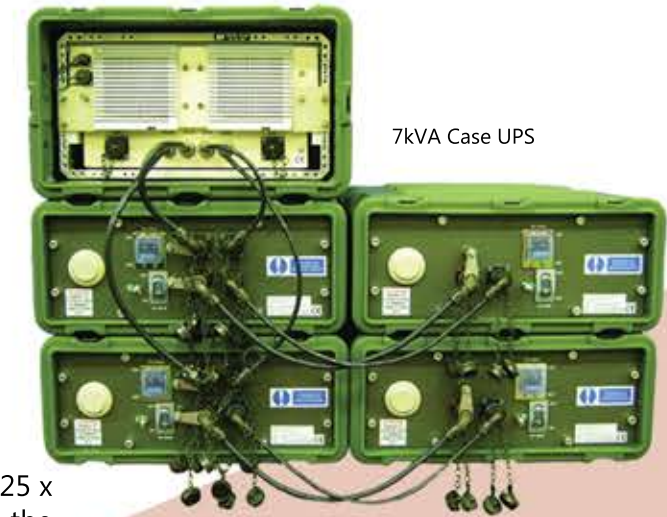
Over the past 10+ years we have provided hundreds of Harland ProtectUPS - D for military, land and sea applications.

Customers include: BAE Systems, Selex, Ultra, Raytheon, Marshalls, Bioquell, UK MoD, Dutch MoD, Steatite, Rolls Royce, GE, Thales, L3 and GD.

7kVA/30 Minute Rugged Case UPS

- Container or pallet mounted
- High power 3.8 kW/30 minute UPS
- Rugged design
- Modular design (max. 50kg 2 man lift)
- Independent environmental testing
- Minimum IP43 operational protection
- Military connectivity with optional FEDPS monitoring
- 10+ year ILS and CLS support package

The original order was to supply 100 x 19" rack mounted 3.8 kW/30 minutes rugged custom UPS to the army followed by 25 x case mounted pallet 3.8 kW/5 minutes rugged custom UPS to the air force over a 5 year period.



3kVA/10 Minute Rugged Case UPS

- Portable military application
- 3 kVA/2.1 kW 10 minute high performance
- VRLA battery 6U EDAK military transport case
- Modular design (3 x 2U modules max. 35kg)
- Independent environmental testing» IP67/IP43
- Military connection
- Fitted with FEDPS protective conductor loop monitoring

The design was to incorporate the UPS and battery modules into an EDAK military transportable case protected to IP67. In operation the UPS is still protected to IP43.



1.5kVA/5 Minutes Rugged Case UPS

The contract to design, manufacture, test and supply a number of rugged case mounted UPS, 1.25KW / 5 minutes autonomy.

This UPS is designed and built for speedy deployment into harsh worldwide conflict zones and will complement the existing systems that are currently being used in the theatre of war giving a quicker response.

AMP Power Protection was selected because of its ability to quickly and competently design and supply a rugged COTS system that meets the exact requirements of the UPS, along with its proven competence already demonstrated on previous projects.

