

DMS technologies

Company History

Established in 1986, DMS technologies is a leading supplier of battery products and power systems to the UK MOD and Network Rail as well as a wide range of industries worldwide including civil aviation and aerospace, military, telecommunications and marine.

DMS offers excellent technical advice and after-sales service both direct and via our distributor network.

If you have any questions regarding the Red Flash® power packs or any other product from our range, please call us on +44 (0) 1794 525400 where a member of our team will be happy to assist you with your enquiry. Alternatively you can email us at info@dmstech.co.uk or visit our website www.dmstech.co.uk

DMS technologies



Power Systems for Railway Applications



www.dmstech.co.uk

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Power Systems for Railway Applications

High performance solutions

Engineering with Energy

DMS technologies has been supplying the rail industry with approved batteries, chargers and power systems since 1998. We are proud to have formed excellent working partnerships with a wide range of customers for whom we have provided solutions.

High performance, efficiency and safety are key to the success of our products. Red Flash® systems use only sealed lead acid battery cells, these replace conventional Nickel Cadmium and other wet battery cell technologies, ensuring that all of our systems are environmentally friendly and in no way compromise performance or quality.

The Red Flash® battery has extremely low internal resistance and gives high power output upon discharge providing a stable voltage, boasting excellent power to size ratio.

Benefits of using valve regulated lead acid cells include:

- > Non-spillable
- > No maintenance or topping up required
- > Recyclable - environmentally friendly
- > Lightweight - hand portable
- > Compact design - economic use of installation space
- > 8-10 year life span
- > High power density
- > Wide operating temperature
- > Bespoke design available



Applications include:

- > Point End Switching
- > Signalling
- > Train Protection Warning Systems
- > Barrier Control
- > Track Circuit Systems
- > Logger Devices
- > LED Lights
- > Level Crossing Systems
- > Treadle Circuits
- > UPS Systems

In addition to our extensive product range, DMS technologies specialises in the design and manufacture of bespoke power systems, providing cost effective solutions for particular applications. Whatever your requirements ensure that you speak to a member of the DMS team.

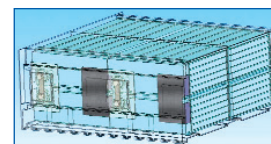


Battery and Power Systems from DMS technologies

Design



Using our PTS approved engineering team we are able to provide a design service that allows us to visit site and monitor existing battery applications. Using the information and 3D CAD modelling tools, we can evaluate and propose an alternative low maintenance solution for bespoke applications.



Battery Systems

DMS technologies has developed a number of Red Flash® battery systems up to 150Ah capacity for signalling applications. Our products provide safe, low maintenance, portable solutions that are easy to install and fully recyclable. The cells are built and connected in steel modules with the cells securely fastened inside. Each module has heavy duty handles for portability and a clear cover to prevent accidental contact and allow for visual inspection.



Charger and Battery Systems



As part of a package DMS technologies can supply an approved Network Rail charger complying with BR1875 specification. The chargers will be supplied already set up for the Red Flash® battery system therefore reducing the installation and commissioning time.

Battery Cells



Network Rail has approved the Cyclon range of cells for use on the UK rail network. These high quality long life 2-volt cells can be connected in series to give the desired voltage.

The Cyclon range of valve regulated lead acid batteries utilises Absorbed Glass Mat technology to give a battery that requires no maintenance. The cells are available in the following capacities 2.5Ah, 4.5Ah, 5Ah, 8Ah, 12.5Ah and 25Ah.

The Red Flash® 24V Portable Power Pack



A flat battery on a locomotive or generator set is inconvenient and costly in man-hours to restart. The Red Flash® 24V Portable Power Pack has been designed for emergency engine starting and can be operated safely by a single member of staff.

Features and Benefits

- > Heavy duty starting capability (1200Amps)
- > Lightweight and hand portable (26kg)
- > Wide operating temperature range (-20 to +50°C)
- > Convenient handling - with an optional trolley
- > Isolator switch with removable key
- > Reverse polarity warning buzzer
- > Sealed, non-spillable AGM (Absorbed Glass Mat) battery