

RED FLASH™ 12V 50Ah Battery System



**DMS Part No.
K820-K756**

**Network Rail Approval
PA05/02858**

The 12V 50Ah Red Flash™ Battery system has been designed to provide a low maintenance, safe and easy to install solution to a wide range of rail applications requiring a secure 12V power supply.

The Red Flash™ battery system utilises Valve Regulated Sealed Lead Acid cells mounted in a robust, portable, steel module. The batteries offered do not require topping up and do not vent gas under normal charging conditions making the pack suitable for Mechanical Signal Supplies, 12V Level Crossing Supplies, Track Circuits and Colour Signal Lights.

Established in 1986 DMS technologies are a leading supplier of battery products and power systems to a wide range of industries including Aerospace, Telecommunications, Transport and Marine. An ISO 9001:2000 company, DMS technologies offer excellent technical advice and after sales service.

Since 1998 DMS have been specialising in the supply of approved battery and charger products for the rail industry.

Benefits

- Maintenance free – no topping up required.
- High shock and vibration resistance
- Wide operating temperature range -65°C – +80°C
- Improved safety – no loose electrolyte
- Increased service life (Up to 15 years)
- Reduced installation time
- Non gassing
- Replacing Wet NiCd batteries
- Small footprint
- Man Portable

Features

- Absorbed Glass Mat technology
- Modular construction
- Clear Perspex inspection cover
- Modules have fully insulated touch-proof terminals
- Can be housed in the same line-side cabinet or room as the charger
- Non-hazardous transportation by land, sea and air

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Technical Specification

Battery technology:	Pure Lead Grid VRLA Battery using AGM technology
Battery Voltage:	12V (nominal)
Capacity:	50Ah
Dimensions: (LxWxH)	Module: 360mm x 180mm x 183mm. Weight 24 Kg
Construction:	Powder coated mild steel case with Perspex inspection cover. Each module fitted with handles
Safety:	Touch-proof cable terminals allowing up to 16mm ² cable entry. (35mm for the Junction boxes) AGM technology (no loose electrolyte) Plastic inspection cover to protect against accidental contact
Storage:	2 year shelf life from full charge (at 20°C) before recharge
Operating Temperature:	-65°C to +80°C (batteries)
Charging:	Suitable for use with constant voltage charging systems. Compatible with BR1875 chargers
Charger Voltage:	Charger output voltage must be set correctly for use with sealed lead acid batteries. We recommend that the charger output voltage is set to 14.4V.
Maintenance:	Maintenance free battery system, no topping up required

DMS provides battery and charger systems for Rail applications. For further details or technical support, contact our Sales Team.

DMS technologies reserves the right to change specification without notice



Red Flash™ is a registered trademark of DMS technologies

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