

RED FLASH™ 50Ah 12V Battery System



DMS Part No
K820-K756

PADS No
094 / 021053

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 1991 DMS have been specialising in the supply of approved battery and charger products for the rail industry.

Main 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
- Reduced installation time
- Non gassing
- 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 PADS Number	094 / 021053
Battery Technology Design Standard	Pure Lead Grid VRLA Battery using AGM technology Designed to comply with Network Rail specification RT/E/C/11600
Battery Capacity & Voltage	50Ah :12V (nominal)
Operating Temperature Range	-65°C to +80°C
Storage	2 year shelf life from full charge (at 20°C) before recharge
Dimensions mm (LxWxH)	360 x 180 x 183mm
Weight	24Kg
Construction	Powder coated mild steel case with Perspex inspection cover. Each module fitted with handles and touch proof terminals. Plastic inspection cover to protect against accidental contact
Charging Notes	Suitable for use with constant voltage charging systems. Compatible with BR1875 chargers
Safety	Touch-proof cable terminals allowing up to 16mm ² cable entry. (35mm for the Junction boxes)
Maintenance	No Maintenance 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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