

RED FLASH™ 120V Large Point End Switching Battery & Charger Kit



DMS Part No
7201-0040 (Duvine)

PADS No
086 / 001852

The 120V Red Flash Large PES Battery and Charger Kit provides a safe, maintenance free power solution for Point End Switching. Comprising of two Network Rail approved products, the Red Flash kit uses reliable Cyclon lead acid batteries with modern switching DC rectification technology.

The Red Flash 120V 25Ah valve regulated lead acid battery, is a low cost, safe, portable, maintenance free solution, capable of switching up to 12 ends simultaneously. All 57 cells are housed within a five sheet steel module weighing 24Kg (each) and fitted with robust heavy duty handles for easy carrying to site.

The nominal 120V 5A charger uses switchmode technology to provide a smooth DC voltage suitable for both charging the battery and supplying the load, whilst conforming to the latest European legislation.

Established in 1986, DMS technologies is an ISO9001 accredited company, specialising in the supply of approved battery and charger products for the rail industry.

Battery Features

- Maintenance free – no topping up required
- High shock and vibration resistance
- Wide operating temperature range:
- -65°C to +80°C (batteries)
- Improved safety – no loose electrolyte
- Compact design fits easily into lineside cabinet
- Long service life (Up to 15 years)
- Reduced installation time
- Modules have fully insulated touch-proof terminals
- Non-hazardous transportation by land, sea and air

Charger Features

- Low DC Voltage ripple
- Wide input range 85-300V AC
- CE Marked
- Output ammeter
- Sinusoidal wave input
- Light weight

RED FLASH™ 120V Large Point End Battery & Charger Kit

Technical Specification

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| Battery Pads No: System: | 0054/003118 120V nominal system containing 57 off 25Ah cells The batteries are housed in 5 steel modules |
| Design Standards: Battery Technology: Battery Voltage: Capacity: Dimensions: (LxWxH) | Designed to comply with Network Rail specification RT/E/C/11600 Pure Lead Grid VRLA Battery using AGM technology 120V (nominal) 25Ah Module: L360mm x W180mm x H183mm. Weight 24 Kg System: Total Weight 120 Kg |
| Construction: | Powder coated mild steel case with Perspex inspection cover. Each module fitted with handles and touch proof terminals. |
| Charger Pads No: System: Design Standards: Charger Technology: Rating: Dimensions: (WxDxH) | 0086/001910 Constant Voltage Current Limited BR1875:1989; CE and Low Voltage Directive High Frequency, switchmode technology 5A (nominal); 6A (120%); 7.5A(150%) 800mm x 225mm x 440mm Weight: 13Kg |
| Finish: Ingress Protection: Features: Alarms: | Blue RAL5005 IP31 Output Ammeter, Voltmeter test points, Charger Fail; Battery reverse polarity |

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



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