

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



DMS Part No
7201-0041 (Duvine)

PADS No
086 / 001851

The 120V Red Flash Small 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 5Ah valve regulated lead acid battery, is a low cost, safe, portable, maintenance free solution, capable of switching up to 6 ends simultaneously. All 57 cells are housed within a single sheet steel module weighing 27Kg and fitted with robust heavy duty handles for easy carrying to site. By using AGM batteries that have a smaller footprint than conventional batteries, and do not gas under normal conditions, the battery can be housed in the same cabinet as other electrical equipment.

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)
- Modules have fully insulated touch-proof terminals
- Reduced installation time
- 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 Small Point End Battery & Charger Kit

Technical Specification

**Battery Pads No:
System:**

**Design Standards:
Battery Technology:
Battery Voltage:
Capacity:
Dimensions: (LxWxH)**

Construction:

**Charger Pads No:
System:
Design Standards:
Charger Technology:
Rating:
Dimensions: (WxDxH)**

**Finish:
Ingress Protection:
Features:
Alarms:**

0054/003080
120V 5Ah module containing sealed lead acid cells.
57 cells connected in series by welded metal interconnections
Cells are conformably coated against the environment
Designed to comply with Network Rail specification RT/E/C/11600
Pure Lead Grid VRLA Battery using AGM technology
120V (nominal)
5Ah
Module: L470mm x W290mm x H100mm. Weight 27 Kg
System: Weight 27 Kg
Powder coated mild steel case with Perspex inspection cover.
Each module fitted with handles and touch proof terminals.

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
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 alter specifications without prior notice



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