

RED FLASH™ 24V Level Crossing Battery & Charger Kit



DMS Part No
7002-0015 (Duvine)

PADS No
086 / 001853

Our 24V Red Flash Battery and Charger Kit provides standby power for level crossings applications. Our system combines two approved elements into one single approved number.

The first is the Red Flash 24V 150Ah battery comprising six 24V modules connected in parallel to achieve the total capacity. Each module holds 12 off 2V cells in a steel case having a Perspex transparent inspection cover. The batteries are totally maintenance free and require no topping up or regular inspection, and costs normally associated with the disposal of NiCd cells are reduced.

The second is the BR1875 charger having 24V 9A output. Using switchmode technology the latest development of the BR1875 complies with EMC and Low Voltage Directive.

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

- Sealed construction – no maintenance
- Excellent shock and vibration resistance
- Wide operating temperature range:
- -65°C to +80°C (batteries)
- Improved safety – no loose electrolyte
- Reduced installation time
- Compact design fits easily into line-side cabinet
- Long service life (Up to 15 years)
- 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

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Technical Specification

Battery Pads No:	0086/023864
System:	Array of 6 x 24V 25Ah modules each containing sealed lead acid cells. Quantity x 2 junction boxes for wiring terminations Quantity x 6 sets battery module interconnections The system modules will be wired in parallel to form a 24V, 150Ah Level Crossing Battery.
Design Standards:	Designed to comply with Network Rail specification RT/E/C/11600
Battery Technology:	Pure Lead Grid VRLA Battery using AGM technology
Battery Voltage:	24V (nominal)
Capacity:	150Ah
Dimensions: (LxWxH)	Module: 360mm x 180mm x 183mm. Weight 24 Kg System: Total Weight 144 Kg
Construction:	Powder coated mild steel case with Perspex inspection cover. Each module fitted with handles and touch proof terminals.
Charger Pads No:	0086/001920
System:	Constant Voltage Current Limited
Design Standards:	BR1875:1989; CE and Low Voltage Directive
Charger Technology:	High Frequency, switchmode technology
Rating:	9A (nominal); 10.8A (120%); 13.5A(150%)
Dimensions: (WxDxH)	382mm x 225mm x 440mm Weight: 9Kg
Finish:	Blue RAL5005
Ingress Protection:	IP31
Features:	Output Ammeter, Voltmeter test points,
Alarms:	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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