

# DMS technologies

- A LEADING SUPPLIER OF DC POWER SYSTEMS AND BATTERY BASED ELECTRICAL PRODUCTS.
- MARKETS INCLUDE MILITARY, AVIATION, INDUSTRIAL & AUTOMOTIVE.



RED FLASH LEVEL  
CROSSING

## RED FLASH™

DESIGNING, MANUFACTURING AND DISTRIBUTING MILITARY &  
INDUSTRIAL CUSTOM POWER PRODUCTS SINCE 1986

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# RED FLASH LEVEL CROSSING

Based on modern thin plate lead acid cells, DMS technologies has an approved battery solution to meet the power requirements of a Level crossing applications. Using proven valve regulated lead acid technology, the Red Flash™ battery offers a modular, easy to install, reliable 24 volt battery for Level Crossings. DMS technologies are able to offer fully PADS approved, BR1875 battery chargers as part of a battery and charger kit.

## **BENEFITS**

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- Full PADS approval
- Easy to install
- Modular
- Low inspection
- Low maintenance
- Wide operating temperature
- Good vibration and shock resistance

## **FEATURES**

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- Portable
- Robust steel battery modules
- Touch proof terminals
- Clear plastic viewing screen
- Recyclable



**DMS**technologies

With a strong engineering heritage, DMS technologies is your ideal partner for projects involving custom design & build of power solutions.

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# SPECIFICATIONS

<b>Kit PADS Number</b>	086/001853
<b>Battery PADS Number</b>	086/023864
<b>Battery Technology</b>	Pure Lead Grid VRLA Battery using AGM technology
<b>Design Standard</b>	Designed to comply with Network Rail specification RT/E/C/11600
<b>Battery System Layout</b>	Array of 6 x 24V 25Ah modules 2 x Junction boxes for wiring terminals 6 x Battery module interconnection kits System wired in parallel to form 24V 150Ah
<b>Battery Capacity &amp; Voltage</b>	150Ah : 24V (nominal)
<b>Operating Temperature Range</b>	-65 to +80°C
<b>Storage</b>	2 years shelf life from full charge ( at 20°C) until recharge
<b>Dimensions mm (LxWxH)</b>	Each Module : 380 x 180 x 183
<b>Weight</b>	Module : 24kg Total : 144kg
<b>Construction</b>	Powder coated mild steel case with Perspex inspection cover Each module fitted with heavy duty handles
<b>Maintenance</b>	Maintenance free battery system, no topping up required
<b>Charger PADS Number</b>	086/001910
<b>Charge Technology</b>	High Frequency, Switch Mode
<b>Design Standard</b>	BR1875:1989; CE and Low Voltage Directive
<b>Rating</b>	9A (nominal); 10.8A (120%); 13.5A (150%)
<b>Operating Temperature Range</b>	-15 to +60°C
<b>Ingress Protection</b>	IP21
<b>Dimensions mm (HxWxD)</b>	265 x 260 x 180
<b>Weight</b>	< 7 kg
<b>Safety</b>	EN60950
<b>Alarms</b>	Charge Fail; Battery Reverse Polarity
<b>Features</b>	Output Ammeter

DMS technologies reserves the right to alter product specifications without prior notice.