

DMS technologies

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



RED FLASH POINT SWITCHING

RED FLASH™

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

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RED FLASH POINT SWITCHING

Based on the Cyclon cell, DMS technologies has 2 approved battery solutions. The first is capable of operating up to 6 ends, the larger up to 11. Using proven technology, the Red Flash™ battery offers an easy to install, reliable solution for points switching. DMS technologies are able to offer fully PADS approved, BR1875 battery chargers as part of a battery and charger kit.

BENEFITS

- PADS approval
- Wide operating temperature
- Fast Recharging
- Good vibration and shock resistance
- Low maintenance
- Easy to install
- Low gassing

FEATURES

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

IMAGE



DMStechnologies

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

LEVEL CROSSING BATTERY & CHARGER KITS

	Large System Up to 11 Point End Switches	Small System Up to 6 Point End Switches
Kit PADS Number	0086/001852	0086/001851
Battery PADS Number	054/003115	054/003080
Battery Technology	Pure Lead Grid VRLA Battery using AGM technology	
Design Standard	Designed to comply with Network Rail specification RT/E/C/11600	
Battery System Layout	25Ah 120V array of VRLA Cyclon cells, housed in 5 steel modules.	57 cell 5Ah array of VRLA Cyclon cells housed in a single steel module.
Battery Capacity & Voltage	25Ah : 120V (nominal)	5Ah : 120V (nominal)
Operating Temperature Range	-65 to +80°C	
Storage	2 years shelf life from full charge (at 20oC) until recharge	
Dimensions mm (LxWxH)	Each Module : 360 x 180 x 183	470 x 290 x 100
Weight	Module : 24kg Total : 120kg	Module : 27kg
Construction	Powder coated mild steel case with Perspex inspection cover Each module fitted with heavy duty handles	
Maintenance	Maintenance free battery system, no topping up required	
Charger PADS Number	0086/001920	
Charge Technology	High Frequency, Switch Mode	
Design Standard	BR1875:1989; CE and Low Voltage Directive	
Rating	5A (nominal); 6A (120%); 7.5A (150%)	
Operating Temperature Range	-15 to +60°C	
Ingress Protection	IP21	
Dimensions mm (HxWxD)	315 x 325 x 200	
Weight	< 11 kg	
Safety	EN60950	
Alarms	Charge Fail; Battery Reverse Polarity	
Features	Output Ammeter; Voltmeter Test Points	