

RED FLASH™ 48V **TPWS UPS Replacement Battery Rack Kit**



DMS Part No
7201-0034 (battery)
7201-0029 (kit)

Using our expertise in the battery system design, we have worked with Network Rail to provide a fit, form, and function direct replacement for the battery associated with the TPWS UPS battery.

The solution is an industrial VRLA battery using AGM technology to provide a robust, long life direct replacement for the cells that were supplied as part of the original equipment.

There are two parts to the total package. The first is a 48V 16Ah battery replacement for the cells that are fitted within the UPS module. The second is a 48V 32Ah battery and 19" rack to replace the extended battery that is often provided within the TPWS UPS trackside cabinet.

Established in 1986 DMS technologies are a leading supplier of battery products and power systems to a wide range of industries including Aerospace, Telecommunications, Transport and Marine. An ISO 9001:2000 company, DMS technologies offer excellent technical advice and after sales service.

Since 1991 DMS have been specialising in the supply of approved battery and charger products for the rail industry.



PADS No
086 / 023532
086 / 023533

Main Features

- Maintenance free – no topping up required
- High shock and vibration resistance
- Wide operating temperature range:
 - -20°C to +60°C (batteries)
- Long service life (Up to 10 years)
- Improved safety – no loose electrolyte
- Battery fuse protection
- Compact design fits easily into line-side cabinet
- Non-hazardous transportation by land/sea/air

RED FLASH™ 48V TPWS UPS Battery System

Technical Specification

Internal UPS Battery	
Battery PADS No.	086/023532
Battery Technology Battery System Layout	Pure Lead Grid VRLA Battery using AGM technology 48V 16Ah Battery Pack configured as 2 sets of 2 pairs 16Ah 12V blocks and designed to be directly fitted into the UPS module.
Battery Capacity & Voltage Operating Temperature Range Storage Dimensions mm (LxWxH) Weight	16Ah : 48V (nominal) -40°C to 80°C 2 year shelf life at 25°C (77°F) 12V Battery block: 152 x 180 x 176mm Per block : 12 kg
External Battery Cassette	
Battery Cassette PADS No.	086/023533
Battery Technology Battery System Layout	Pure Lead Grid VRLA Battery using AGM technology 32Ah 48V Internal Battery pack configured as 2 parallel sets of 2 pairs 48V batteries comprising 4 sets 12V 16Ah blocks.
Battery Capacity & Voltage Operating Temperature Range Storage Dimensions mm (LxWxH) Weight Maintenance	16Ah : 48V (nominal) -40°C to 80°C 2 year shelf life at 25°C (77°F) Cassette : 402 x 480 x 177mm. 54kg including battery Maintenance free battery system, no topping up required

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 product specifications without prior notice



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