

DMS technologies

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



RED FLASH DC-DC CONVERTERS

RED FLASH™

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

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RED FLASH DC-DC CONVERTERS

The Red Flash range of DC voltage converters offers a convenient way to operate mass produced 12VDC equipment such as professional communications and telematics equipment from the 24VDC mobile electrical systems found on diesel engine vehicles and vessels. The units consume an off load current of less than 15mA which is usually less than the self discharge current of a vehicle's battery, removing the need to fit an isolator switch.

BENEFITS

- Comprehensive range of voltages and current ratings available
- Quick and easy installation
- IP533 - sealed and robust construction
- Very high MTBF
- 3 point mounting for installation on uneven surfaces

APPLICATIONS

- Emergency Service Vehicles
- Solar & Wind Installations
- Marine Systems
- Defence Vehicles
- Telecommunications



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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

		12-12 072	12-24 072	12-24 240	24-12 72	24-12 216	24-24 240
Continuous Current Rating		6A	3A	10A	6A	18A	10A
Peak Current Rating		10A	3.75A	12.5A	10A	22A	12.5A
Nominal Output Voltage		13.6VDC	27.2VDC		13.6VDC	27.2VDC	
Input Voltage Range		8 – 16VDC			17 – 32VDC		
Off Load Current		< 15mA					
Dimensions (mm)	L	162	89	217	89	167	217
	W	87	87	87	87	87	87
	H	50	50	50	50	50	50
Weight (g)		270	300	820	270	620	880
Operating Temperature		-25 to +30oC (+30 to +80oC de-rate linearly to 0A)					
Environmental protection		IP533					
Connections		Four 6.3mm push-on flat blade					
Output Indication		Green LED					
MTBF		> 1,419,120 hours					
Safety Features		Over Current Over Temperature Transient Protection Internal Input & Output Fuses					
Approvals and Standards		CE Marked ISO7637-2 ISO10605 ISO14892 2004/108/EC 2006/96/EC					

DMS technologies reserves the right to change the product specification without prior notice

Other input and output voltage configurations are available, for further information please contact DMS technologies to discuss your requirements.

DMS technologies is a leading supplier of battery based electrical systems. We design, manufacture and supply high quality, reliable battery based power solutions to the Industrial, Automotive, Military and Telecoms markets. Our bespoke battery systems have been supplied to many Blue Chip engineering and defence companies world-wide.