

# DMS technologies

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



AVIATION ENGINE  
START & GROUND  
POWER UNITS

## RED FLASH™

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

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# AVIATION ENGINE START & GROUND POWER UNITS

Our Red Flash portable aviation units have been designed for turbine starting and ground power support. With a strong proven record as the UK's original and largest professional start pack manufacturer, our power packs will start military and commercial aircraft, helicopters and other heavy duty vehicles. Based on 24V nominal batteries, these units are compatible with both 24V and 28V systems.

## **BENEFITS**

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- Currently in service around the globe with operations in hot and cold climates
- Wide operating temperatures -40 to +50°C
- Single pack RF 1500 will provide over 1500 Amps starting current and can be linked to provide over 3000 Amps as the RF 3000
- Man portable
- Rugged for long life and durability

## **FEATURES**

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- Robust stainless steel outer case, resistant to field and workshop damage
- Integral carry handle – suitable for use with a gloved hand
- Optional trolley
- NATO codified
- A range of NATO approved leads and connectors to suit both civil and military aircraft

# IMAGES



**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>RF1500</b>  | <b>DMS Ref: 7204-0001</b> | <b>NSN : 6130-99-507-2603</b> |
| Including 1 x trolley, 1 x 2m 50mm <sup>2</sup> output lead fitted with fully insulated Crocodile Clips, 1 x cable storage bag and 1 x 10A Charger |                           |                               |

|  | <b>RF 1500</b>  | <b>RF 3000</b>                              |
|--|---|---|
| <b>Output Voltage - Nominal</b>            | 24V   | 24V   |
| <b>Capacity</b>                            | 38Ah  | 76Ah  |
| <b>Peak Output Current</b>                 | 1500A   | 3000A                                       |
| <b>Discharge capability</b>                | Maintains 660A at >18V for 5 secs (11.9kW)  | Maintains 1220A at >18V for 5 secs (18.2kW) |
| <b>Weight - excluding external cables*</b> | 33kg  | 66kg  |
| <b>Dimensions (L x W x H)</b>              | 440 x 220 x 460 mm per pack   |   |
| <b>Case Construction</b>                   | Powder coated, black textured finish stainless steel with integrated handle   |   |
| <b>Safety Features</b>                     | On/Off isolator switch<br>Reverse polarity indication via audible alarm and LED<br>Charge circuit protection via self-resetting fuses |   |
| <b>Operating Temperature</b>               | -40 to +50°C  |   |

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

\* Weight of cables is dependant on connector type. Details are available on request.

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.