

RED FLASH™

Military Engine Start and Slave Battery Packs

As the choice of the UK Military for over 12 years now, our 12V and 24V engine slave start units have proved to be robust and reliable. Used by militaries around the world, our packs have supported operations in the cold Norwegian winters and hot desert sun both in Op Telic in Iraq and Op Herrick in Afghanistan. Used for starting a wide range of vehicles, including small and lightweight vehicles, armoured personnel carriers, battle tanks and light aircraft.

Benefits

- Currently in service around the globe with operations in hot and cold climates
- Wide operating temperatures -40 to $+50^{\circ}\text{C}$
- Peak power 11.7kW
- Man portable
- Rugged for long life and durability
- A full range of approved output leads available



Features

- Robust Polyethylene outer case, resistant to field and workshop damage
- Integral carry handle – suitable for use with a gloved hand
- LED state of charge indication
- Optional trolley
- NATO codified

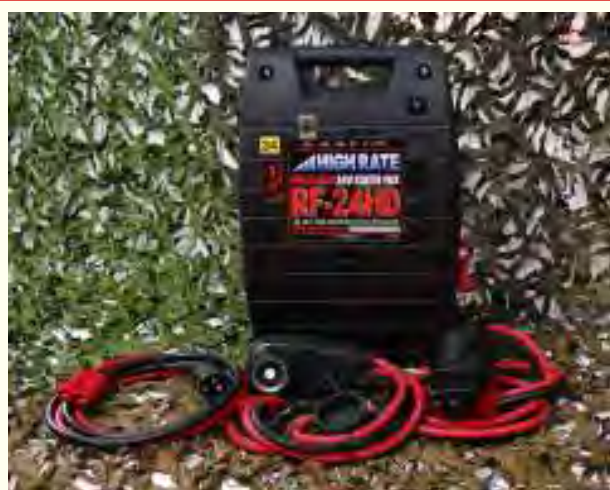
www.dmstech.co.uk

Belbins Business Park, Cupernham Lane, Romsey, Hampshire, SO51 7JF, UK
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Military Engine Start

RF850**DMS Ref: 7204-0010****NSN : 6130-99-549-9700**Including 1 x 2m 50mm² output lead fitted with fully insulated Crocodile Clips and 1 x 8A Charger**RF24HD****DMS Ref: 7204-0011****NSN : 6130-99-736-6448**Including 1 x 2m 50mm² output lead fitted with fully insulated Crocodile Clips, 1 x 2m 50mm² output lead fitted with NATO battle tank connector and 1 x 8A Charger*Please see our accessories datasheet for available leads, connectors and trolleys.*

	RF 850	RF 24HD
Output Voltage - Nominal	12 V	24V
Capacity	20 Ah	26 Ah
Peak Power @ 25°C	6.0 kW	11.7 kW
Cranking Performance @ 25°C	740 A	785 A
Weight – excluding external cables*	15 kg	24 kg
Dimensions (L x W x H)	360 x 190 x 510 mm	
Case Construction	Black Polyethylene	
Safety Features	On/Off isolator switch Surge & spike protection Reverse polarity indication via audible alarm and LED Fitted with external accessible fuse Fully isolated output clamps	
Operating Temperature	-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.

RED FLASH™ Power Packs

DMS technologies is the original and largest UK manufacturer of engine start packs. The Red Flash range has been specifically designed for the professional user and is suitable for starting most 12V and 24V engines – automotive, aviation, marine and rail. With safety in mind, each pack incorporates many special features. A reverse polarity warning reduces the risk of damage to on-board electronics. The on/off isolator switch enables safe connection due to non-live cable clamps and also avoids unintentional short circuits. The Polyethylene case provides a lighter, more robust housing compared to metal case designs.

Benefits

- Robust Polyethylene Casing Protects Against Accidental Damage Especially at Low Temperatures
- Casing Resistant to Fuels, Oils & Chemicals Found in Garage Environments
- On/Off Switch & Fully Insulated Cable Clamps to Avoid Risk of Short Circuit
- Reverse Polarity Warning to Protect On-Board Electronics
- Large Carry Handles Suitable for Gloved Hands



Features

- Spike Protection
- High Quality Batteries & Chargers
- Recyclable Polyethylene Casings
- Push-To-Test State of Charge Indication
- Long & Flexible Low Temperature Cables with Fully Insulated Cable Clamps

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RED FLASH™ Power Packs

Technical Specification

Model	RF650	RF850	RF1224	RF1224HD	RF24HD
Voltage	12V		12V / 24V		24V
Engine Cranking Power*	3060W	3460W	4070 / 6900W	3890 / 9150W	9150W
Engine Cranking Current*	425A	480A	564 / 479A	540 / 636A	636A
Battery Short Circuit Current	1540A	2235A	2895 / 1490A	1950 / 1950A	1950A
Battery Capacity	22Ah	40Ah	44Ah / 22Ah	28Ah / 28Ah	28Ah
Cable Size	25mm ²	35mm ²		50mm ²	
Weight	9.4kg	18kg		25kg	
Dimensions mm (HxWxD)	315x365x190	515x360x190	405x336x200	515x360x190	

* Many alternative product specifications state the short circuit current of the batteries. DMS believes that although this allows some comparison it does not provide an indication of actual engine starting performance. Engine cranking performance is therefore provided which is defined as the power or current available for 5 seconds to a minimum voltage of 7.2V at the croc-clips at 20°C (14.4V for 24V packs).

Safety Features & Accessories

Model	RF650	RF850	RF1224	RF1224HD	RF24HD
Reverse Polarity Warning	•	•	•	•	•
On/Off Isolator Switch	•	•	•	•	•
Spike & Surge Protection	•	•	•	•	•
Fuse (external)		•		•	•
Multi-Stage Charger	2A	4A	4A	8A	8A
Fully Insulated Clamps	•	•	•	•	•
Trolley (Optional)		•		•	•

Recommend Models – Guidance Only

Model	RF650	RF850	RF1224	RF1224HD	RF24HD
12V Petrol Vehicle	•	•	•	•	
12V Diesel Vehicle	•	•	•	•	
12V Light Van/Truck		•	•	•	
24V Truck/Coach			•	•	•
24V Heavy Diesel Lorry				•	•

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