

# **RED FLASH™**

## **Remote Portable Power**

DMS technologies are experts in portable power. With a heritage of batteries and associated equipment since 1986 we have been supplying both off the shelf and custom design solutions for some of industry's toughest operators. From reserve and emergency power, to powering electronics and communications equipment in the field, our portable power packs come in a range of configurations and can be modified to suit your requirements.

### **Benefits**

- Flexible AC & DC voltage options and battery capacities
- Rugged designs and high IP ratings for use in tough and extreme environments
- Wide operating temperatures
- Flexible designs – cables, connectors, size, weight, and colour can all be altered to suit the application
- Battery protection and state of charge indication
- Can incorporate 3<sup>rd</sup> party equipment into design



### **Flexibility of Design**

At DMS we understand that everyone's requirements are different. Specialising in designing bespoke equipment, we aim to balance both commercial and technical requirements to offer the best solution for the application.

We endeavour to incorporate as much flexibility into our product designs. By accommodating the ability to make small modifications to existing designs, bespoke solutions can be offered whilst minimising development cost and time.



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## Remote Portable Power

### Rugged Cases

DMS technologies works with people who operate in the most demanding environments and has a long history of manufacturing products to suit these harsh conditions. With a wide range of off the shelf and bespoke rugged cases at our disposal, we are able to provide high IP ratings and buriable power supplies for covert and field applications.



### Portable Equipment

As a battery specialist, we know that power and weight go hand in hand! We will work with you to discuss acceptable weight limits and the options available to achieve them.

- Portable for 1 & 2 person lifts
- Trolley style cases
- Light weight lithium options
- Linking smaller and lighter units to give a larger overall capacity
- Charging and cable mounting arrangements

### Power Options

Our flexible designs allow for a range of power requirements. Charging the unit with a mains charger is not always possible, so we offer options such as solar charging, in-vehicle charging and other auxiliary inputs.

Whether you have existing equipment, or are designing a new product, your power requirements will be based on the most efficient way of running your kit. Our options allow for both DC and AC power outputs, in a range of voltages and battery capacities, achieved using various battery configurations, voltage converters and inverters.

## Remote Portable Power



### Economies of Scale

There is always a need to drive down costs while making sure that equipment is still of the highest quality. Our aim is to balance commercial and technical requirements to offer the best solution.

At our UK facility we specialise in both design and production. This means that whether you require a prototype, small batch or large scale production, we can cater for your specific needs.

Where possible we will use previous designs as a basis to reduce the cost of the design, set up and materials. The table overleaf gives an indication of some of our more popular designs.

### Design Philosophy

Here at DMS technologies we are proud of our UK heritage for engineered and built products.

With a proven history and experienced sales and engineering teams, we use a high level of engineering combined with market understanding to produce products that are proven to work in the application.

DMS technologies design through a building block philosophy which enables the reuse of existing designs, systems, and components to create brand new bespoke products without needing to start from scratch. As an SME this maximises the product ranges we can offer customers whilst minimises the cost associated with a wide range of manufacturing designs.



## Remote Portable Power

	RF22	RF22Li	RF44	RF44Li
Battery Technology	VRLA	LiFePO <sub>4</sub>	VRLA	LiFePO <sub>4</sub>
Input	90 – 264VAC & 12VDC*			
Output	3 x 24V 10A max		3 x 12V 10A max 1 x 12V 50A	
Battery Capacity	22Ah	20Ah	44Ah	40Ah
Dimensions	474 x 415 x 149 mm			
Total Weight	19kg	11.5kg	19kg	11.5kg
Operating Temperature	-20 to +50°C	-20 to +60°C	-20 to +50°C	-20°C to +60°C

*DMS technologies reserves the right to alter product specifications without prior notice  
\*12V nominal charging*