

# **RED FLASH™**

## Pure Sine Wave Inverters

DMS technologies supplies pure sine wave inverters designed specially for professional applications where reliability is required. Our compact inverters produce a pure 230Vac supply from either a 12V or 24V battery bank or DC supply. Units revert to a standby mode when not in use to conserve battery power and shut down when the battery reaches a preset low voltage. The pure sine wave output allows these inverters to be used with a wide range of equipment and the high efficiency reduces power loss and heat output.

### Benefits

- Professional, High Quality Design
- High Efficiency
- Multiple LED Indication
- Adjustable Output Voltage & Frequency
- 2 Year Warranty
- Standby Mode to Conserve Power



### Applications

- Vehicle Installations
- Marine Systems
- Defence Installations
- Portable Power
- Industrial Installations

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## Specifications

	400W	700W	1000W	1500W
<b>Rated Output Power</b>	400W	700W	1000W	1500W
<b>Maximum Output Power</b>	460W 3 mins 600W 10 secs	800W 3 mins 1050W 10 secs	1150W 3 mins 1500W 10 secs	1725W 3 mins 2250W 10 secs
<b>Surge Rating</b>	800W	1400W	2000W	3000W
<b>DC Input Voltage</b>	Available as 12V or 24V			
<b>Input Voltage Range</b>	10.5 – 15V / 21 – 30V			
<b>AC Output Voltage</b>	200 / 220 / 230 / 240VAC* Adjustable via front panel button			
<b>Output Frequency</b>	50 / 60 Hz Adjustable via front panel button			
<b>AC Waveform</b>	True Sine Wave THD < 3%			
<b>Output Regulation</b>	±3% of rated output voltage			
<b>Efficiency (typ.)</b>	85%	86%	88%	87%
<b>No Load Dissipation (typ.)</b>	≤ 15W	≤ 6W @ standby mode		≤ 18W @ standby mode
<b>Dimensions (mm) LxWxH</b>	205 x 158 x 67	295 x 184 x 70	345 x 184 x 70	420 x 220 x 88
<b>Weight (kg)</b>	1.7	3.8	4	6.8
<b>Operating Temperature</b>	-10 to +40°C @ 100% Load up to +60°C @ 50% Load			
<b>Input Safety Features</b>	Battery Low Alarm / Battery Low Shutdown / Reverse Polarity / Over Voltage			
<b>Output Safety Features</b>	Short Circuit / Overload / Over Temperature			
<b>Safety Standards</b>	CE Approved EN60950-1			
<b>EMC Standards</b>	EN55022 EN61000-4-2,3,8			

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

*\*115VAC versions available on request*