



## Data Sheet

### Power Inverter Model No MI5068



#### Description

This inverter, like the others is electrically isolated between the battery and secondary voltage. This allows earthing of both DC and AC circuitry where required. It delivers 800 watt continuous power, and 2000 watt surge. The input is via a thick lead and large alligator clips for connecting to a battery. The output is by a 3 pin mains socket. There is also an on/off rocker switch and a red LED power indicator. Typical applications:- 26" colour TVs and VCR, lights up to 800 watts, blenders, belt sanders, ovens, etc.

#### Specifications

Output power: 800W continuous  
 Surge power: 2000W  
 Standby current: 600mA  
 Input voltage: 10 - 15VDC  
 Output wave form: Modified Sine Wave  
 Efficiency: >85%  
 Initial check: Auto detects wrong battery connection eg 12/24V  
 Output regulation: +/- 5% intelligent AVR  
 Output frequency: 50Hz Crystal controlled  
 Cooling: Intelligent Fan (temp/load)  
 Protection: - Output short: output short without blowing fuse  
 Low battery:  
 <10.5V +/- 0.5V Pre alarm  
 <9.5V +/- 0.5V Shut down and alarm  
 Overheating:  
 >60°C Pre alarm >65°C Shut down and alarm  
 Overload:  
 >900W Pre alarm >950W Shut down and alarm  
 Battery polarity reverse  
 Fuse 30A x 4 (blade, inside case)  
 Size: 177(L) x 290(W) x 62(H)mm

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