

# MA SERIES

## DC/AC Inverters: 600 - 1500 Watts



### Features

- 12V and 24V DC input options
- Suitable for a wide range of applications: home electronics, office equipment, small power tools, computers, mobile equipment
- Ideal for camping, boating and other mobile uses
- High surge power - twice rated power
- Built-in alarm for low battery
- Short circuit protection
- Remote control option
- Lightweight switch mode design
- Meets relevant EMC standards

### Specifications

<b>INPUT VOLTAGE:</b>	12VDC: (10~15) 24VDC: (20~30)
<b>OUTPUT VOLTAGE:</b>	230VAC 50Hz
<b>REGULATION:</b>	Typically $\pm 5\%$
<b>AC WAVEFORM:</b>	Modified sine wave
<b>OUTPUT POWER:</b>	Model dependent 600~1500 watts
<b>SURGE POWER:</b>	Model dependent typically x 2 rated power for 2-3 seconds
<b>NO LOAD CURRENT:</b>	12V models: 600W / 0.65A, 1000W / 0.9A, 1500W / 1.2A  24V models: 600W / 0.4A, 1000W / 0.5A, 1500W / 0.7A
<b>EFFICIENCY:</b>	Model dependent, typically 85~90%
<b>LOW BATTERY ALARM:</b>	12V models: 10.7V 24V models: 21V
<b>LOW BATTERY SHUTDOWN:</b>	12V models: 10V 24V models: 20V
<b>PROTECTION:</b>	<ul style="list-style-type: none"> <li>• Input low voltage</li> <li>• Input over voltage</li> <li>• Over temperature</li> <li>• Overload protection and short circuit proof</li> </ul>
<b>OPERATING TEMP:</b>	-20°C to +40°C at rated continuous power
<b>CONNECTIONS:</b>	DC input: terminal block AC output: socket
<b>DIMENSIONS:</b>	600W: 280 x 240 x 80mm 1000W: 360 x 237 x 86mm 1500W: 437 x 237 x 86mm
<b>WEIGHT:</b>	600W: 2.45kg. 1000W: 4.45kg. 1500W: 5.1kg

MODEL	Input V	Output VAC	Power Cont.	Power Surge
MA9986 - 12	12V	230V	600W	1000W
MA9987 - 12	12V	230V	1000W	2000W
MA9988 - 12	12V	230V	1500W	3000W
MA9986 - 24	24V	230V	600W	1000W
MA9987 - 24	24V	230V	1000W	2000W
MA9988 - 24	24V	230V	1500W	3000W

### Intermittent Power

**1000W:** 1200W for 20 min.  
**1500W:** 1800W for 20 min.