

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

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

