

# MM1012E Data Sheet

Revision 1-15-08

## Inverter Operation

Continuous Output Power (with 1.0 PF)	1000 watts
Continous Output Current (ac amps)	5A
1msec Peak Surge Current	21A
100msec Peak Surge Current	11A
5 Sec Surge Power	1750W
10 Sec Surge Power	1675W
30 Sec Surge Power	1600W
5 Min Surge Power	1350W
30 Min Surge Power	1180W
Maximum Continuous Input DC Current	111A
Input DC Voltage range	10-15.5 Vdc
Weight	20lbs (9.1kg)
Dimensions LxWxH (inches)	15 x 6 1/2 x 5
Output Voltage AC	230 RMS $\pm$ 5%
Output Frequency	50 Hz $\pm$ .05Hz
AC Transfer Relay	Standard 30A
Output AC Waveform type	Modified Sine Wave
Output Circuit Breaker	Yes - 7A
Input Circuit Breaker	Yes - 8A
Temperature rating	25C
Low Battery Cutout	10Vdc default (adjustable)
On/Off w/LED Indicator	Yes
Overtemperature protection	Yes
Fan Cooled	Yes
AC Overload Protection	Yes
Remote on/off port	Standard - Requires MM-RC
UL Listing	None
Construction	Die Cast Aluminum
Warranty	2 years

## Charger Operation

Continuous Charger Current (at 12.6Vdc)	50A
Input current for rated charger output	3.5A
Power Factor (10% to 100% charge)	0.95 or better