

## SPECIFICATIONS MAI-600P

### OPERATING INSTRUCTIONS:

1. Place inverter in a well ventilated area.
2. Ensure the inverter on/off switch is in the OFF position
3. Inverter is to be protected from moisture, direct heat and excessive dust.
4. Ensure battery is fully charged.
5. **CLAMP CABLE** : Attach 12V input cables to the inverter. Attach positive (red) spade terminal to the positive (+) screw terminal and the negative (black) spade terminal to the negative (-) screw terminal and tighten with a screwdriver.  
Attach positive (red) clamp to the positive (+) terminal of the battery. Attach negative (black) clamp to the negative (-) terminal of the battery.
6. **WARNING: DO NOT CONNECT IN REVERSE**
7. Connect appliance to inverter, ensure the appliance is in the OFF position.
8. Turn ON inverter.
9. Turn ON appliance.

### TROUBLESHOOTING GUIDE:

PROBLEM	CAUSE	RESULT
No power light on inverter	<ul style="list-style-type: none"> <li>• Fuse on vehicle blown</li> <li>• Poor connection to vehicle</li> <li>• Low battery voltage</li> <li>• Fuse on inverter blown</li> </ul>	<ul style="list-style-type: none"> <li>• Check fuses / replace</li> <li>• Ensure connection is firm</li> <li>• Ensure battery charged</li> <li>• Replace fuse</li> </ul>
Appliance has no power	<ul style="list-style-type: none"> <li>• Draw of appliance exceeds inverter capability</li> <li>• Low battery voltage</li> <li>• Temperature Overload</li> </ul>	<ul style="list-style-type: none"> <li>• Do not exceed wattage of inverter</li> <li>• Ensure battery charged</li> <li>• Allow unit to cool</li> </ul>
<b>WARNING ALARMS</b>		
BI—BI—BI	Low Battery pre alarm	Inverter will cease to operate if continued use

MODEL NUMBER	MAI-600P
Output waveform	Pure sine wave
Output power continuous	600W
Output peak	1200W
Soft start	√
Output overload cut-off	√
DC Input High Cut-Off	√
DC Input low Cut-Off	√
Short Circuit protection	√
Auto restart	√
Internal Cooling Fan	√
Matson Antizap®	√
Fuse/s	35A x 2
Dimensions (LxWxH)	250 x 140 x 65mm
Weight (kg)	1.42kg
Input Voltage	11—15 Volts DC
Output Voltage	240Volts AC +/- 5%
Frequency	50Hz
Efficiency	85%
Low battery Alarm	10.5 +/- 0.5 Volts
Low Battery Shutdown	9.5 +/- 0.5 Volts
High Voltage Shutdown	15.5 +/- 0.5 Volts
Thermal Shutdown	60 degrees C
Standby Current Draw	0.60Amp