

Installation and User Guide

For use in vehicles with 12V negative ground electrical systems only. Use of the MV-PI300A with a non 12V negative ground electrical system can result in failure of the unit and or a blown fuse.

Specifications

- Input Voltage Range: 10-15V DC
- Input Full Load Current: 30A
- Standby Input Current: <0.32A
- Output Voltage (AC): 110V ± 5%
- Continuous Output Power: 300W
- Dimension (L) 155mm (W) 73mm (H) 73mm
- Weight 2lbs.(900g)
- Replacement Fuse 35A

Safety Features

- Auto Operating Fan
- Overload Protection
- Output Short Circuit Protection
- Reverse Polarity Battery Protection

Trouble Shooting

When the Power Inverter Does Not Appear to be Functioning Properly, Check the Following Trouble Shooting Procedures.

- 1) **Poor Contact:** clean contact parts thoroughly.
- 2) **Receptacle Has No Power Output:** (a) Check fuse, replace damaged fuse with same amperage. (b) Check receptacle wiring, repair if necessary.
- 3) **Output Short, Heat Overload:** Under heavy loads, the AC output will decrease. This is to protect the Unit from overheating, (a) turn off the unit until it cools down

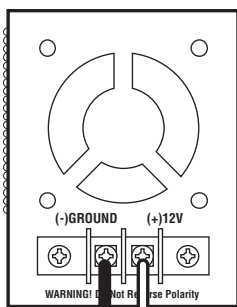
- (b) Disconnect some of the appliances. (c) Check the power consumption of your AC appliance, make sure it is below 300W.

Warning Signals

- Low Battery BI BI BI
- Over Heating BI BI BI BI
- Over Load BI BI BI BI BI
- Output Short BIBIBIBIBIBI

Connection

Caution! DO NOT reverse power input connection, it can cause severe damage to the power unit.



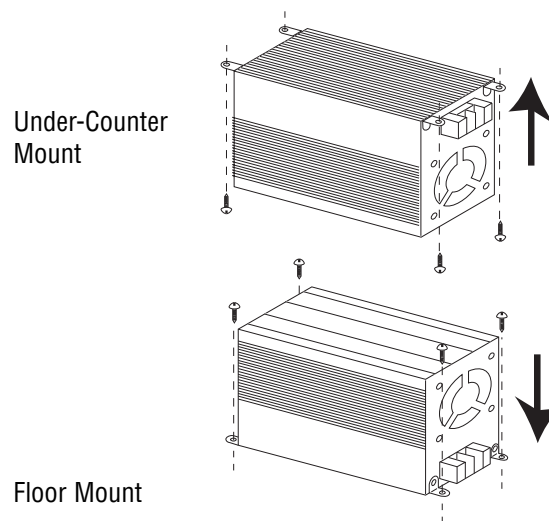
Red Wire: Connect to Switched +12V

Black Wire: Connect to Ground

Mounting

Acceptable mounting positions

Note: be sure to leave at least 1" around the unit for proper ventilation.



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