MINIBOOST INSTALL GUIDE

BMPRO's Miniboost DC-DC charger is a critical component of complete BMPRO Power Management solutions and capable of charging Lithium batteries in conjunction with a BP35HA, J35 or ASPERO with integrated solar capability.

MiniBoost is a compact DC-DC charger /booster for RVs. It is specially designed to work with BMPRO's BatteryPlus35, J35 & ASPERO systems. Charge your caravan or camper trailer's house battery from the towing vehicle's electrical system, even if the voltage delivered from the tow vehicle is lower than required for a recharge.



6. WIRING CONSIDERATIONS

Wiring Considerations To ensure safe and reliable wiring:

- Connect the MiniBoost through a 30A isolating relay and 30A fuse to
- prevent the battery discharging when the vehicle is not in use.
 Wiring resistance (including connectors) should be less than 100mR

total.







7. WIRING TO A POWER MANAGEMENT SYSTEM

- 1. Connect the **orange** wire to the batt+ input.
- 2. Connect the **white** wire to the batt- input.
- 3. Connect the **red** wire to the batt+ of the battery to be charged.
- 4. Connect the **black** wire to the batt- of the battery to be charged.

Note: If you are using a Power Management System, connect the MiniBoost Batt Out and Common Negative cables to the positive and negative primary input of the Battery Management System.

You can also wire the MiniBoost directly to the secondary battery using a protective fuse.







