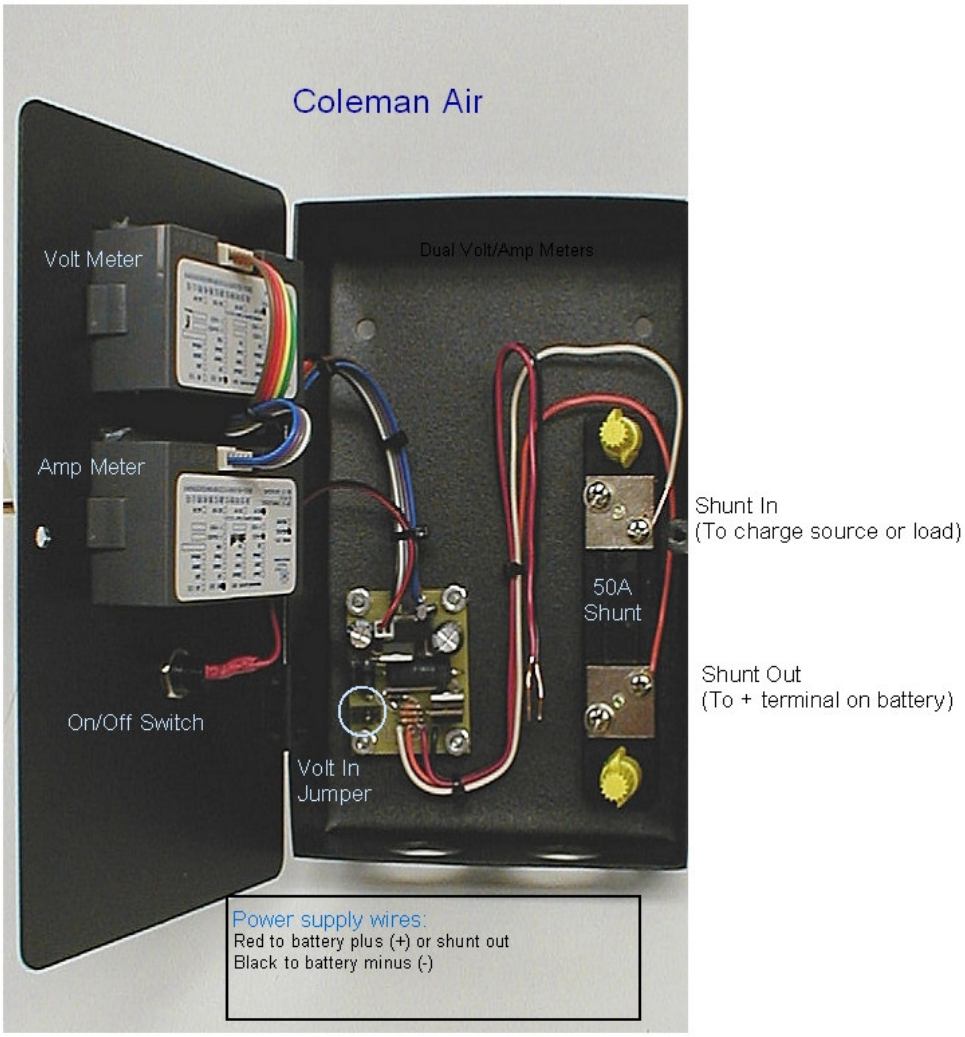

Do not install or work on this unit when attached to any active energy source (Wind turbine/Solar etc.) **The electrical power from a wind turbine or solar panel can cause serious injury or death.** This enclosure is not watertight. If externally mounted, please protect from moisture.

For proper termination to the shunt, we recommend using crimp on connectors or solid (non-stranded) wire.

If you relocate the shunt, it is very important that the two lead wires are exactly the same length (within an inch) to insure accuracy of the amperage reading. Use good quality wire nuts or better yet, solder your extension wires to the existing shunt wires leading from the power supply. Relocation is recommended to allow a more direct path to your batteries when you have larger wire.

If possible, it is recommended that the black and red wires of the power supply board be hooked up directly to your battery or voltage source. These two wires provide the power to run both meters. If this is not feasible, then the red wire may be hooked up to the low side of the shunt, and the black wire to either the negative terminal of your battery or a good common ground.

The white and orange wires are the amp sense wires. The white wire (shunt in) should be hooked up to the high side of the shunt. Hookup the orange wire to the bottom side of the shunt. The voltage meter takes it's reading from either the red wire or the orange wire depending on the position of the jumper. The right most jumper position causes the voltmeter to measure the shunt voltage (orange wire); the 2nd to right position measures the red wire (supply voltage).

Supply voltage should not be allowed to exceed 100 volts for more than 30 seconds. Voltages below 5 volts may be read; however the LED's will be quite dim. The optimal voltage level for this unit is 5 volts through 80 volts DC. **Do not allow any wires to overlay the components of the power supply board, as some components will become hot at voltages greater than 100 volts.**

Coleman Air is not responsible for installation, operation or maintenance of this device or associated parts, nor any damage to property, injury or death resulting from installation, operation or misuse of this device or associated parts. Please contact us at www.colemanair.us if you have any questions.