


How to Ground an Inverter ?

Grounding

The power inverter has a terminal on the back panel marked "Grounding" or "  ". This is used to connect the chassis of the power inverter to the ground. The ground terminal has already connected to the ground wire of AC output receptacle through the internal connecting wire. The ground terminal must be connected to the ground wire, which will vary depending on where the power inverter is installed.

1、 In some fixed available position	Connect the ground terminal to the earth
2、 Indoor conditions	<p>A.Connect to household metal water pipes, metal frames (door frames, window frames) connected to the earth</p> <p>B.Connect to the nails on the wall or ground which contact to the earth</p> <p>C.Connect to the grounding system of the mains grid which is connected to the ground wire of the socket (Note: this connection must be operated by a professional electrician)</p>
3、 Outdoor conditions	Connect one end of earth wire to the inverter grounding terminal,the other end to the nail and insert to the earth.
4、 In a Vehicle,boat or ship	Connect to the chassis of vehicle or grounding system of boat、 ship.

Warning:

- To make sure the firmness of the connection. The ground wire must be 14AWG (2.08mm²) or even larger
- Do not operate the power inverter without connecting to ground. Electric shock hazard may result.