

# Geotech DC to AC Inverter Quick Start Guide



## Inventory



Qty	Part Number	Description	Price
1	81400127	DC to AC Inverter	\$175.00
1	17500220	Carrying Case	\$84.00
1	11200942	Battery Clips	\$30.00
1	21400025	Quick Start Guide	\$10.00
1		DC to AC Inverter Kit	\$289.00

**Warning: Do NOT expose the inverter to water! Disconnect immediately from battery if unit becomes wet!!**

**Note: Inverter may go into thermal protection and shutdown if not properly ventilated or if used in direct sunlight.**

## Operation

1. Visually inspect the inverter and wiring to assure there is no physical damage
2. Before connecting the inverter to your vehicle, make sure the vehicle is running.  
**Note: Battery will discharge very quickly if vehicle is not running.**
3. Connect the Red battery clip to the positive battery terminal
4. Connect the Black battery clip to the system ground or negative battery terminal
5. Connect any equipment that draws **750W or LESS** to the inverter through the AC plug
6. If you're unsure of the electrical load, please call Geotech to confirm application
  - a. Wattage = Voltage \* Amps

## Troubleshooting

The inverter includes an indicator for Input Voltage, Output Voltage, and Output Wattage. Press the blue button to cycle through these options. Holding down the blue button will cause it to turn the unit off.

- If you have input voltage and output voltage, but there still isn't output wattage this could be due to the connection. To let current flow into the inverter, make sure the clamps are on the battery terminal (NOT THE WING NUT) and not impeded by rust, paint, foreign material, etc. After connecting the clamps it may be necessary to grasp the jaws and rotate around the terminal two or three times to dig through any clear-coat, paint, or rust present on the battery terminal.
- If you have low or no input voltage check the connections like above and verify the battery is charged.
- If you have input voltage but low output voltage, check the connection like above, verify the wattage draw of the equipment does not exceed the output wattage of the inverter.
- Use with battery chargers: Monitor charger for first 10min to verify charger doesn't get abnormally warm, if so unplug unit

**For technical support please contact Geotech Environmental Equipment, Inc. at (800) 833-7958**