

DC to AC Power inverter manual

HT-E-150C

Smart Start function:

1. Maximizing startup performance.
2. Dynamic DC Bus Voltage regulation.
3. Soft-start technology improves reliability.

Thank you for purchasing our product. Please read this manual carefully before installing or using this product.

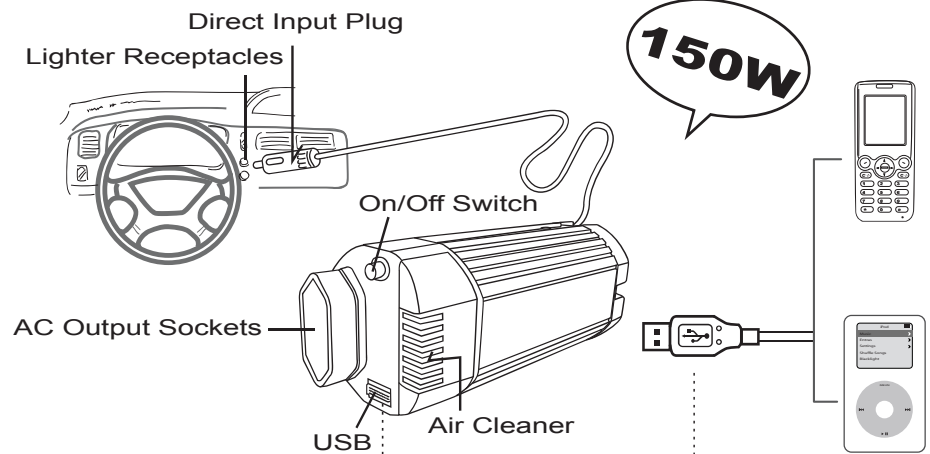
How to use it

1. Put the inverter plug into vehicle's lighter socket, turn on the power switch, LED indicator will be light up.
2. Plug an AC product into AC socket and turn it on.

| SPECIFICATIONS | | |
|----------------------------|--|--------------|
| Model No. | HT-E-150C-12 | HT-E-150C-24 |
| AC Output Voltage | AC100V AC120V AC230V | |
| Output power continuous | 150W | |
| Output surge power | 300W | |
| Output wave form | Modified Sine Wave | |
| Output Frequency | 50/60Hz ±3% | |
| Output AC Regulation | ±8% | |
| Output Receptacles | Type 2、4、10×1pc | |
| Output LED Indicator | Blue LED for power on ; Light off for power failure status | |
| Input DC Current | 15A | 7.5A |
| No load current draw | 0.2A | 0.1A |
| Voltage range | 9.5-16VDC(12V)/19-32VDC(24V) | |
| EFFICIENCY | >85% | |
| Fuse | 1pc | |
| BAT.LOW Flash | 11±0.5v(12v)/22±1v(24v) | |
| BAT.LOW SHUTDOWN | 9.5±0.5v(12v)/19±1v(24v) | |
| OVER VOLTAGE | 16±0.5v(12v)/32±1v(24v) | |
| OVER TEMPERATURE | 55±5°C | |
| SHORT CIRCUIT PROTECTION | Shut-off | |
| BAT.POLARITY | Burn fuse | |
| OVER LOAD | re-start 1time,shut down if failed | |
| WORKING TEMP. | -20~50°C | |
| WORKING HUMIDITY | 20%~90% RH non-condensing | |
| STORAGE TEMP.,HUMIDITY | -30~+70°C/-22~+158°F,10~95% RH | |
| TEMP.COEFFICIENT | ±0.05°C (0~55°C) | |
| EMI CONDUCTION & RADIATION | Compliance to EN55022 class B, 72/245/CEE, 95/54/CE | |
| EMS IMMUNITY | Compliance to EN61000-4-2,3 | |
| LVD | Compliance to EN60950 | |
| Air Cleaner Function | YES | |
| Anion Output | 1×10 ⁷ ions/sec | |
| USB 5Vdc output | YES | |
| DIMENSION(H*diagram) | 150*67mm | |
| WEIGHT | 0.42kg | |

AVAILABLE APPLIANCES

It is suitable for the electrical appliance which consumption power is not excess 150W, like : TV set, Video, Radio, Karaoke, Power tool, Fan, Emergency illuminator... etc.



1. Air cleaner produces Anion to kill bacteria and smell, change smoky air into clean and fresh again.
2. Mood Light blue LED. Make everything look soft in car.
3. USB Port 5V/1A output, runs the appliances with USB. i.e. USB Led light, USB fan, mobile phone, iPod, MP3, digital camera charger.



WARNING

1. Do not insert foreign objects into AC outlet or vents of the inverter.
2. Do not expose the inverter to water.
3. Do not expose the inverter to temperatures over 60°C (140°F).
4. During operation, keep the inverter away from materials that may be affected by high temperatures, like flammable or easy-melting materials.

CAUTION

1. Please note the power source is DC12/24V, and make sure the polarity of the car is negative.
2. To avoid discharging your vehicle's battery, always remove the inverter from the lighter socket when not in use.
3. Please make sure your appliances were turned off before you turn on the inverter.
4. We recommend to use sine wave inverter on the sensitive appliances, like motor, grinder, sander...etc.
5. Do not place any heavy object on the inverter or the power cable. Do not use it when the cable is coiled.

Troubleshooting

| Problem | Status | Solution |
|----------------------------|------------------------------|--|
| Low battery volts | blue LED flash and shut down | Recharge battery or change a new battery |
| High battery volts | shut down | Reduce battery volts |
| Output short circuit | shut down | Solve short circuit situation |
| Overload protection | re-start one time | Reduce load (less than 150w) |
| Overtemperature protection | Blue Led flash and shut down | Allow the inverter to cool. Reduce the load if continuous operation is required. |