

DC to AC Power inverter manual

HT-E-150C0

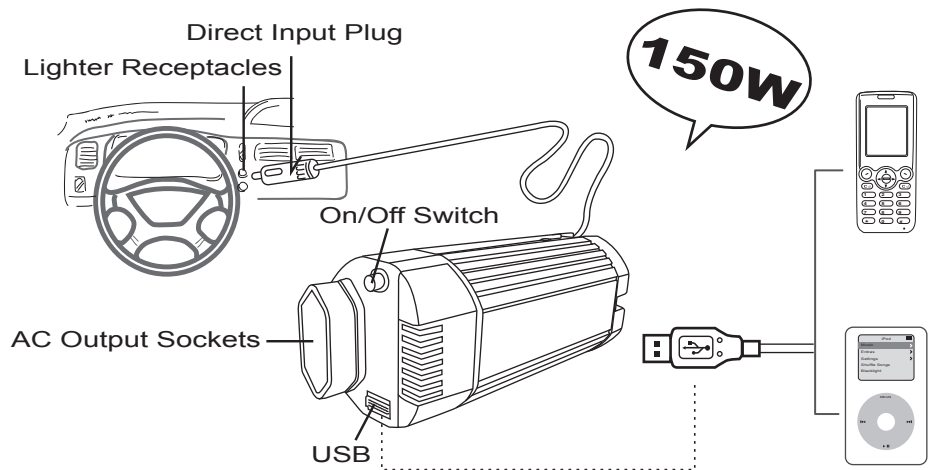
Smart Start function:

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.



1. **Mood Light** blue LED. Make everything look soft in car.
2. **USB Port** 5V/1A output, runs the appliances with USB. i.e. USB Led light, USB fan, mobile phone, iPod, MP3, digital camera charger.

SPECIFICATIONS

Model No.	HT-E-150C0-12	HT-E-150C0-24
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%(100±10%)	
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	10±0.5v(12v)/20±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.	-15°C~45°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	
USB 5Vdc output	YES	
DIMENSION (H x diagram)	155 x 67mm	
WEIGHT	0.42kg	



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.

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.