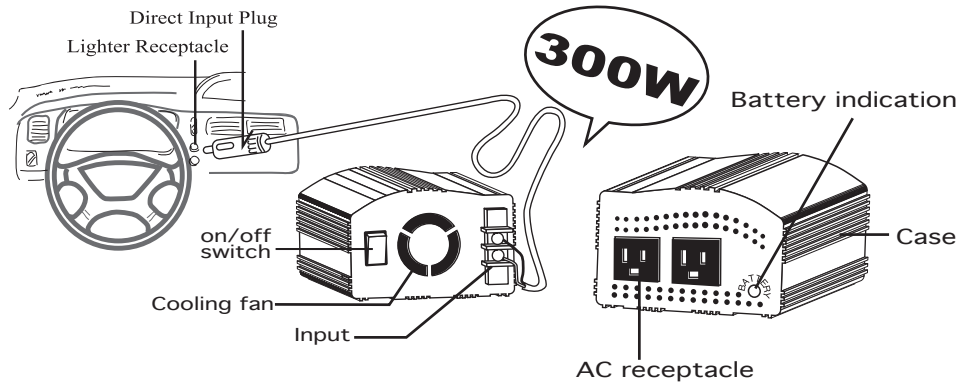


DC to AC Power inverter manual

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-300-12	HT-E-300-24
Output power continuous	300W	
AC Output Voltage	AC100V / AC110V AC120V / AC220V AC230V / AC240V	
Regulation	±8 %	
Output wave form	Modified Sine Wave	
DC Input Voltage	10~15V	20~30V
Input low voltage alarm	YES	
Input low voltage protection	YES	
Frequency	50Hz/60Hz ±3%	
Efficiency	> 85%	
No load current draw	<0.25A	
Temperature protection	55°C ±5°C	
Overload protection	YES	
Input reverse protection	YES	
Dimensions (L×W×H)(by mm)	180×101×66	
Net weight (by Kg)	1.01	

AVAILABLE APPLIANCES

It is suitable for the electrical appliance which consumption power is not excess 300W, like : TV set, Video, Radio, Karaoke, Power tool, Fan, Emergency illuminator... etc.

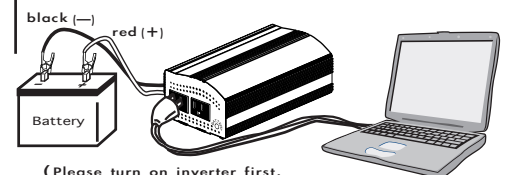


WARNING

1. Do not insert foreign objects into the inverter's AC outlet, or vents.
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 your turn on the inverter.
4. How to select the cigar-lighter or the alligator clip for use:
A. Cigar-lighter – Use with the appliance which is under 150w output.
B. Alligator clips – Use with the appliance which is over 150w output.
5. We recommend to use sine wave inverter on the sensitive appliances, like motor, grinder, sander...etc.
6. Do not place any heavy object on the inverter or the power cable. Do not use it when the cable is coiled.



Troubleshooting

Problem	Alarm	LED	Solution
Low battery volts	Low – quick – long alarm	Green flash and turn orange	Recharge battery or change a new battery
High battery volts	Long alarm	Orange flash	Reduce battery volts
Output short circuit	Quick alarm	Orange flash	Solve short circuit situation
Overload protection	Long alarm	Orange flash	Reduce load (less than 300w)
Overtemperature protection	Long alarm	Orange flash	Allow the inverter to cool. Reduce the load if continuous operation is required.