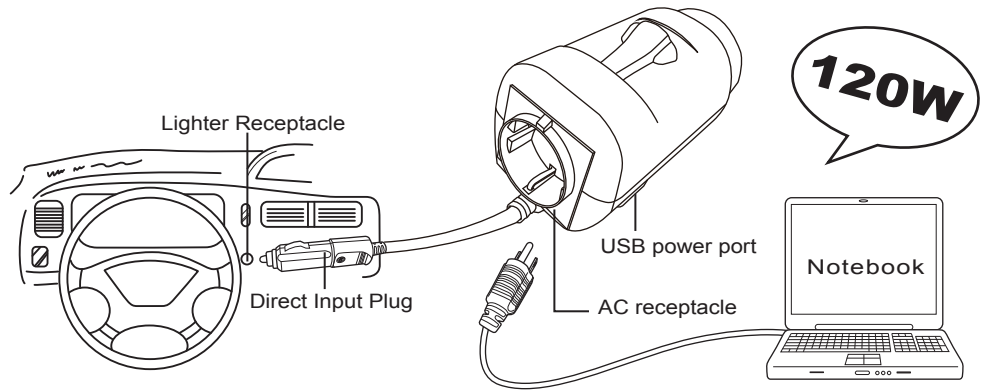
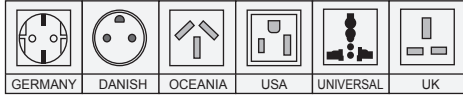


# DC to AC Power inverter manual

Firstly, thank you for purchase our product.

Please read this manual carefully before installing or using this product.

With Germany, Europe, America, Japan Socket...etc.



## How to use it

Put the plug into the cigarette lighter hole in the car (DC12V or 24V).

turn on the power switch, LED indicator will be light up.

Then connect the electrical appliance to your inverter.

SPECIFICATIONS		
Model No.	HT-M-120C-12	HT-M-120C-24
Output power continuous	120W	
AC Output Voltage	AC100V AC120V AC230V	
Regulation	±10%	
Output wave form	Modified Sine Wave	
USB port	3A/5V max.	
DC Input Voltage	9.5V~16V	19~32V
Input low voltage alarm	YES	
Input low voltage protection	YES	
Frequency	50/60Hz ±3%	
Efficiency	>85%	
No load current draw	0.3A	0.15A
Temperature protection	55°C ±5°C	
Overload protection	YES	
Dimensions (LxWxH) (by mm)	75×95×155	
Net weight (by Kg)	0.48	

## AVAILABLE APPLIANCES

It is suitable for the electrical appliance which consumption power is not excess 120W, like : TV set, Video, Radio, Karaoke, Power tool, Fan, Emergency illuminator... etc.

## MAINTENANCE

- Remember to pull all the plugs out of the socket when cleaning.
- Use dry cloth to clean the inverter.  
CAUTION : Do not wash it by water!

## STORAGE & PLACEMENT

Place it in a cool and dry environment and avoid putting it under the sunshine.



### CAUTION

- Please do not use if the power source is not DC12V/24V, and make sure the polarity of the car is negative.
- When you stop using it, please pull out the plug.



Due to the temperature of the metal part is still high, don't touch the plug by hand or place it near any flammable and easy-melting materials.

- Under Voltage Protection system will be automatically shut off the inverter if the input voltage is too low. Please start your car engine to charge the battery, or stop using it.
- Please pull out the plug from the cigarette lighter hole when starting the engine.
- If the consumption power is over 120W when starting the tools, Over Load Protection system will be automatically shut off the inverter.



### CAUTION

- Due to the difference of the wave form, it may cause some buzzing and lines on audio and video equipment.
- We recommend to use sine wave inverter on the sensitive test equipment.
- Stop using the inverter if the power cord/plug has damaged or loosen.
- Do not put any object into the inverter, it may cause fire, electric shock or short circuit, if there is any abnormal noise, smell or smoke, please turn it off immediately, then contact your retailer.
- Do not place any heavy object on the inverter or the power cord. Do not use it when the power cord is in a coil or distorted.
- Do not allow water drip or splash on the inverter. Do not touch the case or the plug by wet hand.
- Do not attempt to remake the structure or the power cord, it may cause electric shock or fire, please contact your retailer for internal checking if it is necessary.

## Troubleshooting

Problem	LED	Solution
Over load, Output short circuit	None	Reduce load/Solve short circuit situation
High input voltage protection (shut down)	None	Reduce input volts
Low input voltage warning	Blue flash	Change battery or recharge battery
Low voltage protection (shut down)	None	Change battery or recharge battery
Overtemperature protection (shut down)	Blue flash	Allow the inverter to cool. Reduce the load if continuous operation is required.