

USUAL MANUAL

Thank you for purchasing car power inverter . Input voltage of the cigarette lighter is DC12V, which is converted into the required AC voltage by the inverter. The inverter is developed using soft-start technology. Compared with other products, it is small in size, lighter in weight and higher in conversion efficiency. The product is designed with multiple protection circuits, which can effectively protect automotive electrical components and circuits.

Specification:

Model: M8300

DC input voltage: 12V

Rated output power: 200W

Peak output power: 400W (in a very short time of 0.1 second)

Output voltage and frequency: 220V±10% /50±4Hz

USB output voltage and current: 5V 4USB 1.2A, 2USB 1.2A, 1USB 2.4A(4USB: 4.8A)

Voltage display: intelligent digital display

Power switch: on/off

Protection function: overvoltage protection, overload protection, short circuit protection, low voltage protection, temperature protection.

Range of application:

The inverter can be used in car lighting, car electric fans, car navigators/recorders, laptops, mobile phones, IPADs, cash registers, and POS machines. It can meet your electricity needs and is a necessity for car travel, mobile work and power outages.

Safety warning:

- 1.Before using the inverter, check the rated power and maximum power of the electrical appliance;
- 2.Before using AC and USB sockets, please check the voltage and total power of the device;
- 3.Considering the fuse, the inverter can not reach the maximum power;
- 4.Do not start the car engine when the electrical appliances are in use (because the inverter and electrical appliances may be damaged);
- 5.When starting the car engine, do not plug the cigarette lighter plug and socket well;
- 6.When you are about to turn off the engine, do not use the inverter.

Product circuit protection measures:

- 1.Overload protection: When the power of all electrical appliances exceeds the maximum power of 200W, the inverter will automatically shut down;
- 2.Output short-circuit protection: When a short-circuit fault occurs, the inverter will automatically stop;
- 3.High temperature protection: When the internal temperature of the inverter reaches about 85°C, the inverter will automatically shut down;
- 4.Input high and low voltage protection: When the input voltage is lower than 9.5V (DC9.5V-10.5V) and higher than 15V (DC15-16V), the inverter will automatically stop;
- 5.Input short-circuit protection: When the cigarette lighter input has a short-circuit

fault, the built-in fuse of the inverter will automatically fusing to protect the electrical appliances.

Troubleshooting:

No Input power	①Please check whether the cigarette lighter is plugged in tightly;
	②Please check whether the car fuse is intact (if the fuse is damaged or fusing, please replace it with a new one);
	③Please check whether the internal fuse of the inverter is intact (such as the fuse is damaged or fused, please contact our customer service staff);
When using the inverter, the electrical appliances stop working	①Please check whether the indicator light turns red that's means whether the inverter has entered the circuit protection state (please try to turn off all the electrical appliances and re-energize)
	②Please check the rated power and maximum of the electrical appliances Whether the power is within the allowable range of the inverter
	③Some electrical appliances have a rated power of 45W but maximum power may also exceed 200W. Please make sure that the inverter can not be used in this case.

Please note:

Dear customer, thank you for purchasing the inverter. If you do not understand the manual, please contact our customer service staff.