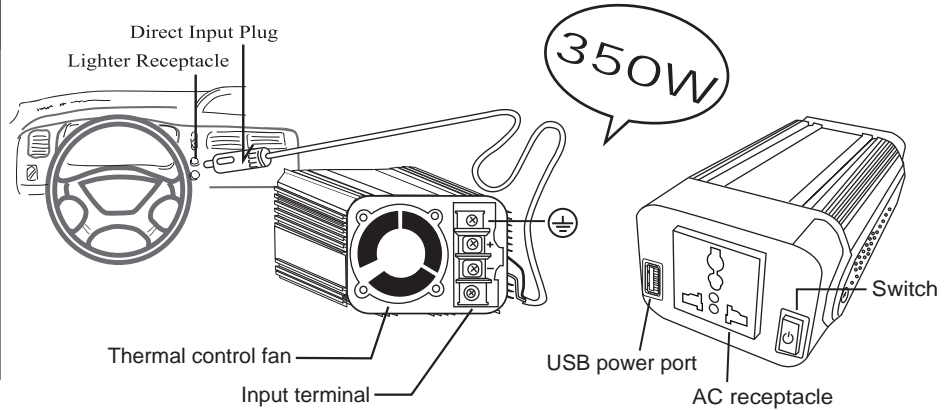


Damage caused by reversed polarity is not covered by the warranty.

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. | PDS-350-12 | PDS-350-24 |
| Output power continuous | 350W | |
| AC Output Voltage | AC100V AC120V AC230V | |
| Regulation | ±8 % | |
| Output wave form | Modified Sine Wave | |
| DC Input Voltage | 9.5~16V | 19~32V |
| Input low voltage alarm | YES | |
| Input low voltage protection | YES | |
| Frequency | 50/60Hz ±3 % | |
| Efficiency | >85 % | |
| No load current draw | 0.25A(12V) | 0.2A(24V) |
| Temperature protection | 55°C ±5°C | |
| Overload protection | YES | |
| Input reverse protection | YES | |
| Dimensions (L×W×H)(by mm) | 175×85×55 | |
| Net weight (by Kg) | 0.56 | |

AVAILABLE APPLIANCES

It is suitable for the electrical appliance which consumption power is not excess 350W, like: TV set, Video, Radio, Karaoke, Power tool, Fan, Emergency illuminator... etc.

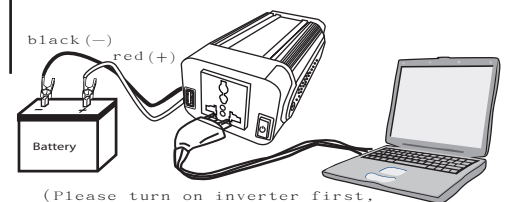


WARNING

1. Do not insert foreign objects into the inverter 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 |
|---|-------------|------------|--|
| Over load, Output short circuit | Short alarm | None | Reduce load/Solve short circuit situation |
| High input voltage protection (shut down) | Long alarm | None | Reduce input volts |
| Low input voltage alarm | Short alarm | Blue flash | Change battery or recharge battery |
| Low voltage protection (shut down) | Long alarm | None | Change battery or recharge battery |
| Temperature alarm | None | Blue flash | Allow the inverter to cool. Reduce the load if continuous operation is required. |
| Overtemperature protection (shut down) | Short alarm | None | Allow the inverter to cool. Reduce the load if continuous operation is required. |