

LJ-15000VA MPMANUAL

Thank you for buying LJ-15000VA. The product can convert 12V DC power into (30-100)Hz AC power, to supply power for related power-consuming electric appliances. It adopts a state-of-the-art automatic pulse width modulation microprocessor to ensure stable AC power output when the 12V DC power fluctuates in the specified voltage range.

Please read carefully this user manual before using the product

1. Installation and Usage

- 1). Fix the inverter to a well-ventilated place;
- 2). Make sure that the inverter switch is in OFF position;
- 3). Connect the DC input line to the 12V power or battery, with the red line connected to the positive pole, while the black line to the negative pole;
- 4). If the Indicating LED on the panel lights up, it indicates that the inverter connect right;
- 5). Turn on the inverter switch, and the electric appliance enters the operating status.

2. Protection of Inverter

- 1). The input DC voltage is less than 9.8V;
- 2). Short-circuit protection;
- 3). Anti-circuit protection;
- 4). Over-circuit protection.

3. Safety Protection Measures

- 1). The inverter should be kept in a dry place.
- 2). Do not place the inverter near heating equipment, radiating objects or other heating sources and power supplies.
- 3). Keep the inverter away from combustibles.
- 4). Do not change the 12V power cord of the inverter.
- 5). The output voltage is fatal, so when the inverter works do not in touch with the output , otherwise, it may cause personal injury or even death.
- 6). Do not dismantle the inverter shell.

4. Technical Parameters

- 1). Output voltage: pulses 700V/AC
- 2). Output frequency: (30-100) \pm 2HZ
- 3). Input voltage: 9.8-14V/DC
- 4). Undervoltage protection: 9.2-10.2V/DC
- 5). Maximum continuous power: 3000W
- 6). Maximum instantaneous power: 15000W
- 7). Output waveform: Corrected sine wave
- 8). Idle input current: <0.25A