

BAP Series Inverter

Installation instructions

An inverter is an electronic device that converts direct current (DC) into alternating current (AC). To ensure successful operation of an off-grid inverter, follow these key steps:

Battery Compatibility

- Use batteries with matched capacity to the inverter's requirements.
- Verify correct polarity connections (positive to positive, negative to negative) to prevent circuit damage.

Power Inverter Selection

- Calculate the total power consumption of all connected equipment.
- Choose an inverter with a rated output power 20-30% higher than the total load to account for startup surges.

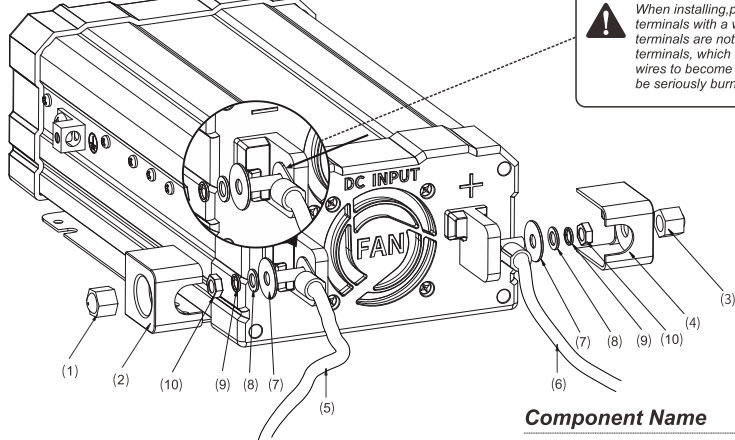
Environmental Requirements

- Ensure adequate ventilation around the inverter to avoid overheating.
- Install the device in a dry, dust-free environment to minimize corrosion and electrical hazards.

Note: This product comes with spare fuses. Normally, these fuses do not need to be installed. If the positive and negative terminals of the input wires are accidentally reversed, resulting in a damaged fuse, try replacing the damaged fuse with a spare one.

Version 001

Overview of the DC Connection Terminals



Component Name

- | | |
|--------------------------------|-----------------------|
| (1) Black Protective Cover Nut | (6) Red Terminal Wire |
| (2) Black Protective Cover | (7) Large Flat Gasket |
| (3) Red Protective Cover Nut | (8) Small Flat Gasket |
| (4) Red Protective Cover | (9) Spring Gasket |
| (5) Black Terminal Wire | (10) Nut |

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DC Terminal Wiring Procedure

DC Positive Wiring Procedure:

- 1, Connect (6) to DC INPUT + (Red).
- 2, Put (7), (8) and (9) in order into DC INPUT + (Red) (In the order shown above).
- 3, Lock the connecting wire (6) with (10).



When installing, please tighten the connecting terminals with a wrench. If not tightened, the terminals are not tightened against the terminals, which will cause the connecting wires to become hot, and the terminals can be seriously burned.

- 4, Put (4) into DC INPUT + (Red).
- 5, Lock (4) with (3).

DC Negative Terminal Wiring Procedure:

- 1, Connect (5) to DC INPUT — (Black).
- 2, Put (7), (8) and (9) in order into DC INPUT — (Black) (In the order shown above).
- 3, Lock the connecting wire (5) with (10).

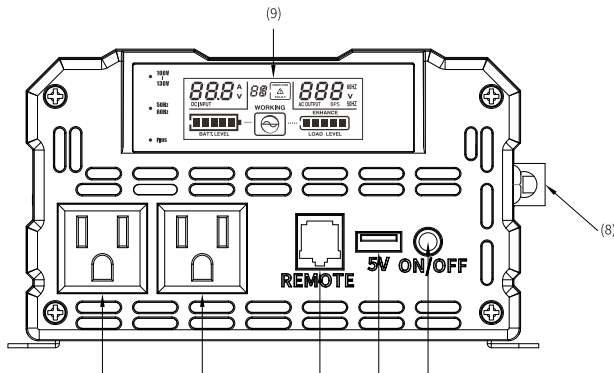


When installing, please tighten the connecting terminals with a wrench. If not tightened, the terminals are not tightened against the terminals, which will cause the connecting wires to become hot, and the terminals can be seriously burned.

- 4, Cover (2) with DC INPUT — (Black).
- 5, Lock (2) with (1).

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AC Connection Terminal Overview

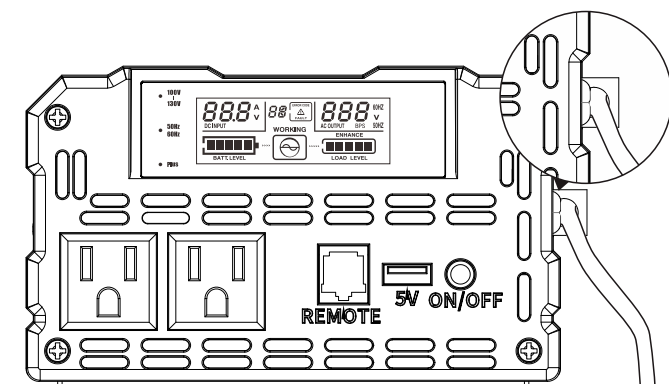


Component Name

- | | |
|-------------------|------------------------------|
| (1) 15A AC OUTPUT | (7) Switch |
| (3) 15A AC OUTPUT | (8) Grounding Aluminum Block |
| (5) REMOTE | (9) LCD display |
| (6) 5V USB | |

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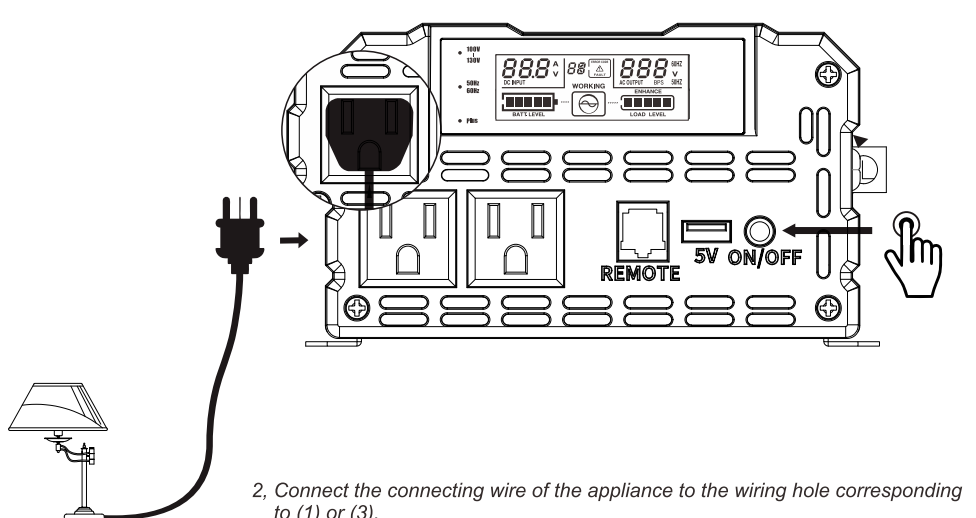
AC Terminal Wiring Procedure



- 1, Thread the grounding wire across into the grounding aluminum block mounting hole and lock the side screws with a screwdriver as shown in the above figure.

(In some application scenarios it can be used without connecting a ground wire, such as when it needs to be used on the move and does not have a fixed connection point.)

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- 2, Connect the connecting wire of the appliance to the wiring hole corresponding to (1) or (3).
- 3, Press (7) by hand to turn on the power, after 1S (9) lights on, the inverter works normally.
- 4, Turn on the load appliance

Note: When All AC sockets are wired for use at the same time, the total power must not exceed the total power of the inverter.

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If you have trouble understanding the instructions, or have any questions regarding its operation, please contact our friendly customer support team in the following ways.

Service E-mail: naservices@belttt.com

Official website: www.belttt.com

Amazon: www.amazon.com/belttt

