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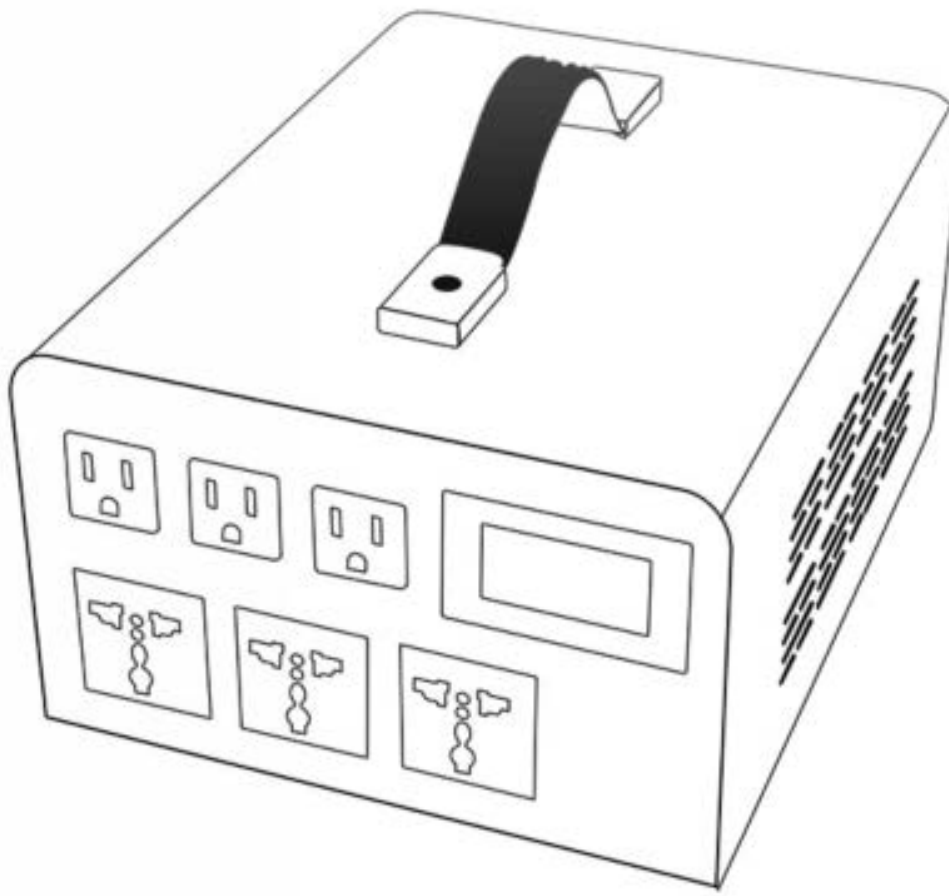
Bidirectional Transformer User Manual

Multifunction transformer



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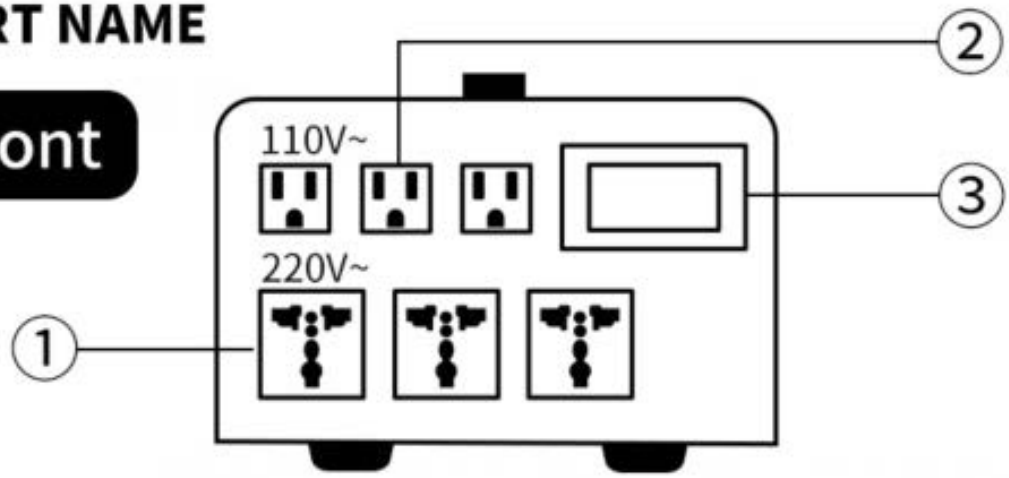
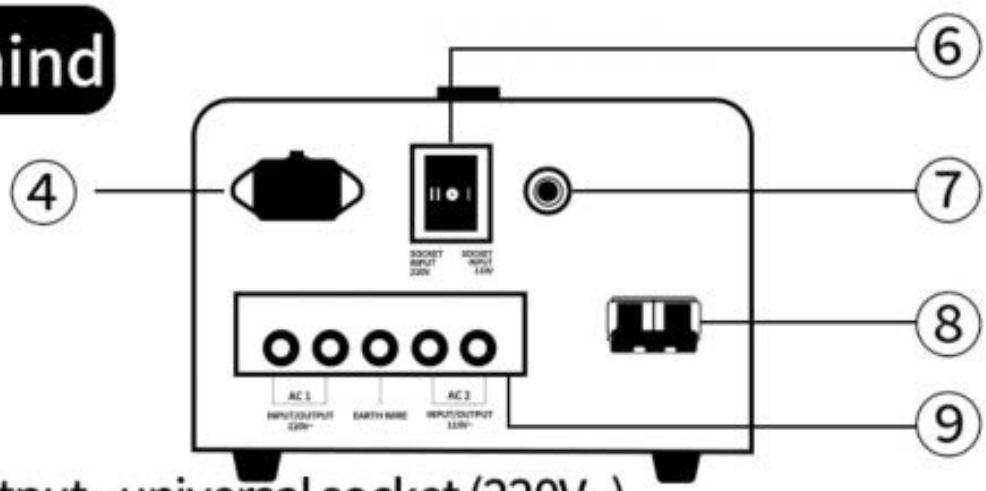
PART NAME

Front



Behind



① Output - universal socket (220V~)
② Output - American socket (110V~)
③ Voltage display
④ Power line input(⩽2000W)
⑤ Input power cord
⑥ Input voltage selection (Before powering on, select a voltage that is the same as that of the local city and then power on.)
⑦ Overload protector (spring up when starting, press to remove the fault)
⑧ Air switch
⑨ Independent wiring and output (> 2000W)

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Safety reminder

1. The product should be isolated from flammable and explosive items when used, and should not be used closely with other items, and should be left with appropriate space.

2、 Please stay away from water sources and fog prone places, in the kitchen, please keep a certain distance from the faucet, gas stove.

3、 When the transformer is used, pay attention to ventilation and heat dissipation, please avoid narrow confined places and places with direct sunlight for a long time.

4、Please do not modify or process the transformer without authorization.

5、Please cut off the power switch after use.

6、Before use, please confirm the input voltage to select the correct input voltage gear, and then plug in the power plug, open the air switch.

7、Wait 10 seconds after there is no exception, then plug in the electrical appliance or equipment to choose the corresponding socket to use.

8、The product is relatively heavy, please avoid hanging, fixed or flat use.

9、When the power cord is used, please insert it firmly and use it to avoid bad contact that causes the transformer to not start normally.

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Product parameter	
Name	Intertransformer
Overload protection	Spring protection in case of overload or insertion of wrong voltage
Air switch	Overload protection, short circuit protection, safe use of electricity
Third shift switch	Switch the input voltage
Display screen	After power on the display input and output display
Voltage conversion (Electrical function)	Input AC220V/AC110V, output AC110V/AC220V Tip: This product has dual output sockets, select the correct voltage according to the product label
Voltage input mode	❶If the power ⩽2000W, select the power cable input mode. ❷If the product power is greater than 2000W, select the wiring bar input mode. ❸(If you have any questions, please consult customer service, or consult a professional electrician)
Power cord	Pintail 2 square power cord (Standard with American standard line, you can contact customer service to customize other power cables)
Frequency	50/60HZ
Remark	Consult the manufacturer for repair or replacement of the protector

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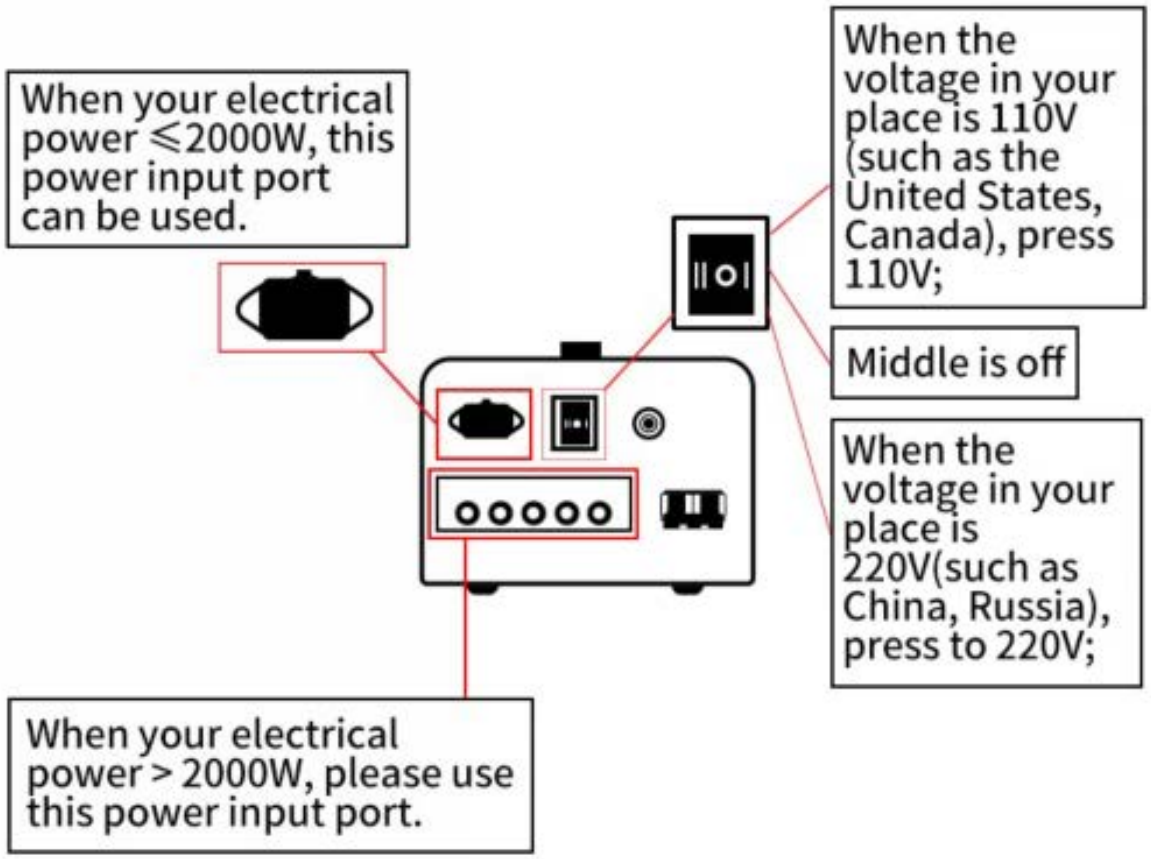
Operation procedure

1 Determine the local service voltage and select the corresponding input voltage.



Note: Before powering on, ensure that the selected voltage is consistent with the local voltage, and then power on after confirming the consistency. Do not adjust the voltage when powered on, otherwise it may cause short circuit.

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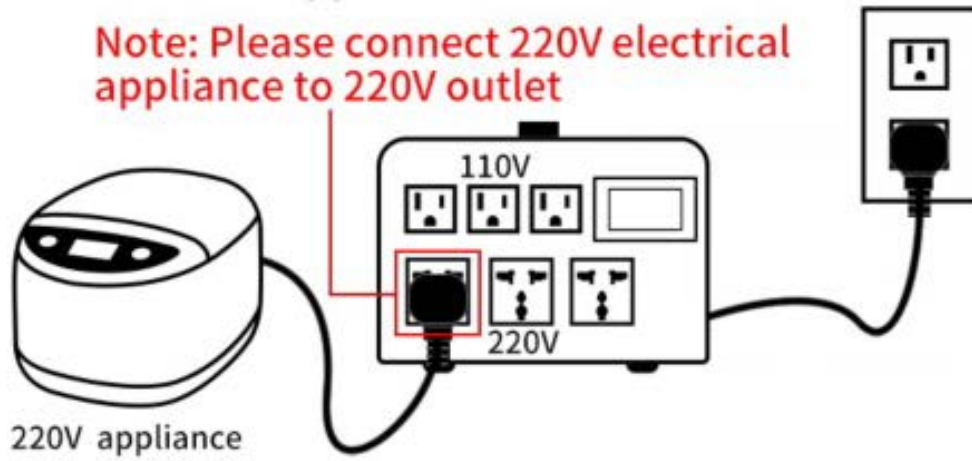
② 110V to 220V

Select the 110V input button on the back and connect the power supply, turn on the air switch, connect the electrical appliance to the 220V output outlet 10 seconds later, plug in the electrical appliance and use.

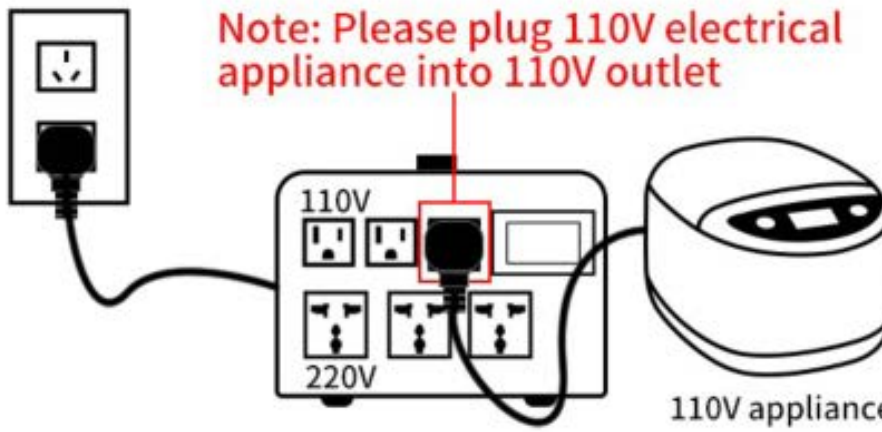
Note: Please connect 220V electrical appliance to 220V outlet



③ 220V to 110V

Select 220V input button on the back and connect the power supply, turn on the air switch, connect the electrical appliance to the 110V output outlet after 10 seconds, plug in the electrical appliance and use.

Note: Please plug 110V electrical appliance into 110V outlet



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Precautions for use

❶ When using socket input (<2000W devices), select "I" (110V input) or "II" (220V input) for voltage selector.

❷ When the terminals (AC1, AC2) are used for input and output, the sockets are charged in parallel and need to be covered with insulation caps. The voltage selector selects "I" (110V input) or "II" (220V input) to display the voltmeter. If no voltage is displayed in the "O" position, the socket input will be disabled.

◉ AC1 terminal: Input or output 220V;
AC2 terminal: Input or output 110V;
When one of the AC1 and AC2 terminals is connected to the input voltage, the other can be used as the output terminal.
(If in doubt, please timely consult customer service, or consult a professional electrician)

Protective device

Switch key input power selection, suitable for 110V/220V power supply countries. The output also has 110V/220V, which is convenient for everyone to use. If the wrong power protection is inserted, when the 110V input power is selected, but the 220V power is connected by mistake, the overload protection device will spring up and cut off the power supply. (It is necessary to turn off the circuit breaker, switch to the correct voltage, manually press the load back protector, and then open the circuit breaker, and plug in the electrical appliance after 10S without abnormal.)

Cleaning and maintenance

1、Do not use for a long time, please remove the power plug from the socket, and do a good job of moisture, dust protection.

2、Please do not let metal items fall into the body to prevent short circuit and electric shock risk.

3、When cleaning this product, first unplug the power plug, wipe with a warm towel of clean water, do not water into the machine during the operation, so as to avoid the risk of electric shock.

Service failure

Fault problem	reason
Overload protector springs up	1. Spring up when opening, and the input voltage gear is selected incorrectly 2. Spring up during use, overload use
The display is not bright. (No output)	1. The input socket power is out of power 2. The display light line loose 3. The switch is broken
Air switch (can not be turned on)	1. The air switch is broken 2. Short circuit fault