1. This tapless mini board ZVS finished board, without heating coil, high voltage package, cooling fan, etc.

No battery or battery can be used for power supply without a protection board!

2. This kit requires a certain amount of hands-on ability and related knowledge. If you can't even use a soldering iron, and the positive and negative poles of the power supply can't be separated, it is recommended not to shoot. The seller does not bear any responsibility if there is a problem with the photo!

3. The maximum power is 120W (when 12V induction heating). When the high voltage package is 12V and the primary 5+5 turns, it is about 30W. TZT

4. The input voltage is DC 5V~12V, this voltage range is the voltage when working, not the voltage when the power supply is no-load!

(The seller does not guarantee normal operation if the voltage exceeds 12V or is lower than 5V. If the input voltage is not within this range, the seller will not be responsible for any problems!)TZT

When using batteries and batteries for power supply, you must ensure that the voltage is above 4.5V when working! If you cannot ensure that the voltage is always above 4.5V during work, do not use batteries or batteries for power supply! Do not use dry batteries for power supply!

5. Confirm that all components are welded correctly, and that the positive and negative poles of the power cord are not reversed. After connecting the load (heating coil, high-voltage package), re-energize! No power on without load! No-load power on is easy to damage!

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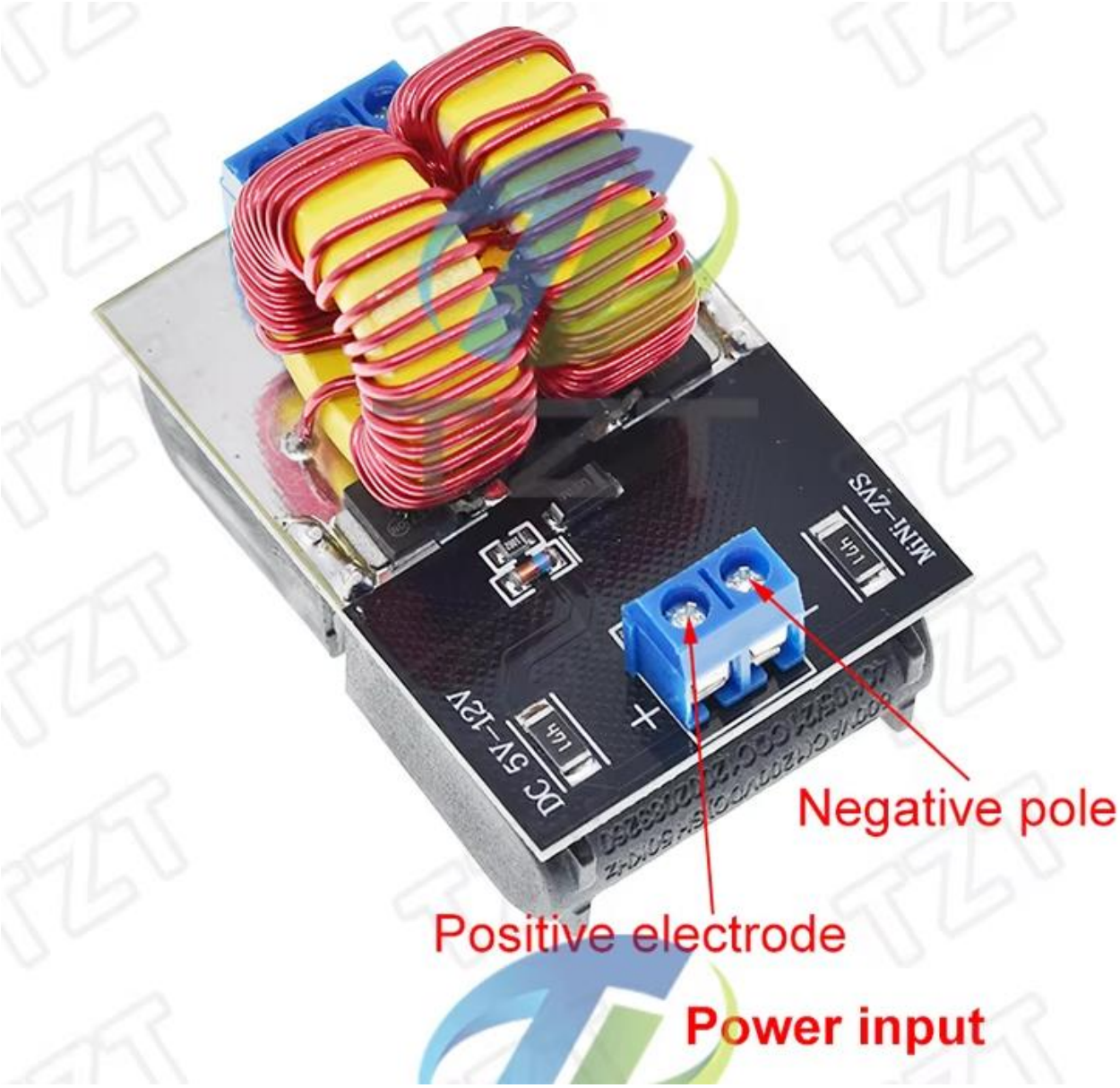

Negative pole
Positive electrode
Power input


DC 5V-12V
MINI-ZVS
LED
Output 2
Output 1
Output

6. Heating coil

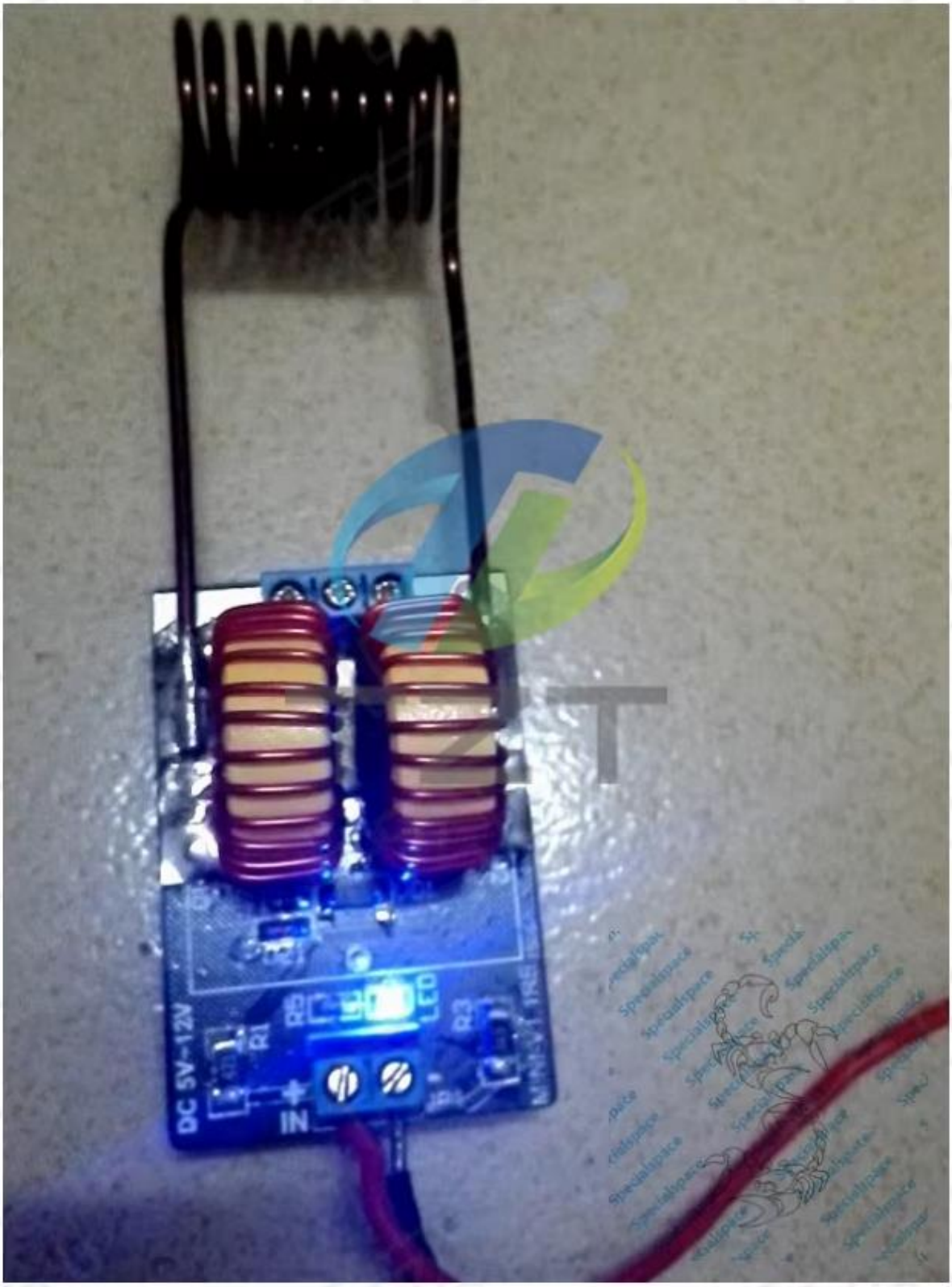
The width of the object to be heated should be as far as possible between 1/3~1/2 of the inner diameter of the heating coil, and the maximum should not exceed 2/3!

The diameter of the heated object should be controlled within 20mm as far as possible. If it is too large, it will be more difficult to heat to redness. After all, the power is limited.

In the case of induction heating, it is generally necessary to cut off the power to cool after working for 5 minutes. Because the current is relatively large during induction heating, the heating of the coil is also relatively large. When heating, part of the heat generated by the heated object will be transferred to the heating coil, and the temperature of the heating coil will be very high over time. If the heating coil is connected to the terminal, the plastic part of the terminal will melt! Therefore, it is best to solder the heating coil directly to the PCB during induction heating. Buyers should pay attention to this point.

For long-term use, it is recommended to use copper tubes as the coil and pass water to cool it. TZT

7. The current when the high voltage coil is pushed and the induction heating is related to the input voltage, the number of primary turns, the number of turns of the heating coil, and the volume of the heated object. Our test is for reference only!


DC 5V-12V
IN

Blue LED power indicator, there is no electricity, you will know if the light is on or not!

The possible reasons for the indicator not bright are: 1. The wire is not connected properly and the power supply is not powered on. 2. Components on the board are damaged. TZT

When the indicator light is dark, it should be that the power of the power supply is insufficient, and a higher power power supply needs to be replaced.TZT

Tapless ones are more suitable for induction heating

The heating coil can be soldered to the PCB board in this way