

Mini ZVS Driver board, No tap finished product, induction heating,
SUNLEPHANT

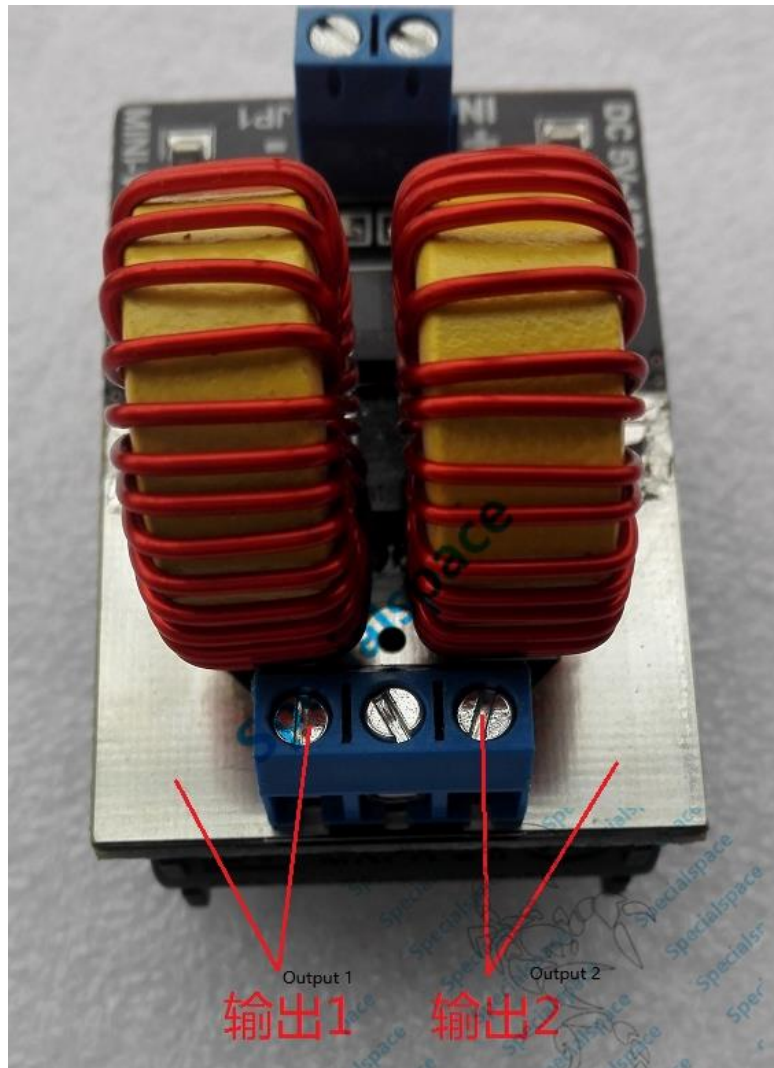


Do not support battery, battery power supply remember!

1. This no tap mini board ZVS finished board, without high voltage pack, cooling fan and so on
2. This kit requires certain hands-on skills and relevant knowledge. If even the soldering iron will not be used, the positive and negative poles of the power supply will not be divided, it is recommended not to shoot. When something goes wrong, the seller does not take any responsibility!
3. Power 120W (12V induction heating). Push high voltage pack 12V, primary 5+5 turns, 30W or so.
4. Input voltage DC 5V~12V, this voltage range is the working voltage, not the power supply no-load voltage!
(If the voltage is more than 12V or less than 5V, the seller does not guarantee that it can work normally. If the input voltage is not within this range, the seller will not take responsibility for the problem!)
Use battery, battery power supply to ensure that the working voltage is above 4.5V! **Do not use battery or battery power supply if you cannot ensure that the voltage at work is above 4.5V!** Do not use dry battery power!

5. Confirm that all components are welded correctly, and the positive and negative poles of the power line are not reversed. **After connecting the load (heating coil, high voltage pack), power on again! No power on no load! No-load power-on is easy to damage!**

6. PCB board size: length * width * thickness 55mm*37mm*1.6mm



7. Heating coil

The width of the heated object should be between 1/3~1/2 of the inner diameter of the heating coil, not more than 2/3!

Try to control the diameter of the heating object within 20mm, too large heating will be difficult to heat to red, after all, the power is limited.

Induction heating, generally work for 5 minutes to power off cooling. Because the induction heating current is relatively large, the coil heating is also relatively large. When heating, part of the heat generated by the heated object will be transferred to the heating coil. Over a long period of time, the

temperature of the heating coil will be very high. If the heating coil is attached to the terminal, it will melt the plastic part of the terminal! Therefore, it is better to weld the heating coil directly to the PCB board during induction heating. Please note this to the buyer.

It is recommended to use copper pipe as coil and water cooling for a long time.

8. Push the high voltage pack, induction heating current, input voltage, primary turns, the number of turns of the heating coil, the size of the heated object related.



Blue LED power indicator, there is no electricity, see the light is not bright to know!

The possible causes of the indicator are as follows: 1. The cable is not connected properly, and the power supply is not powered on. 2. The board has component damage.

If the indicator is dark, the power supply is insufficient. You need to replace the power supply with a higher power.

No tap is more suitable for induction heating

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



12V induction heating test Address:

http://v.youku.com/v_show/id_XMTI3MzYyOTkwMA==.html?firsttime=60&from=y1.4-2

Hot iron size: length * width * height 30*10*4mm

