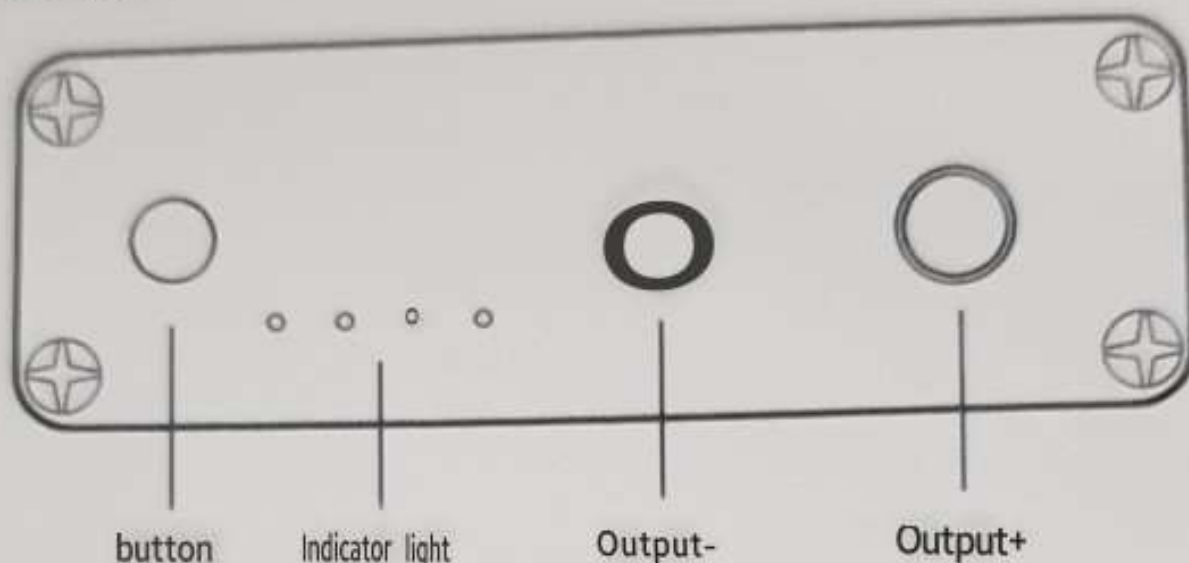


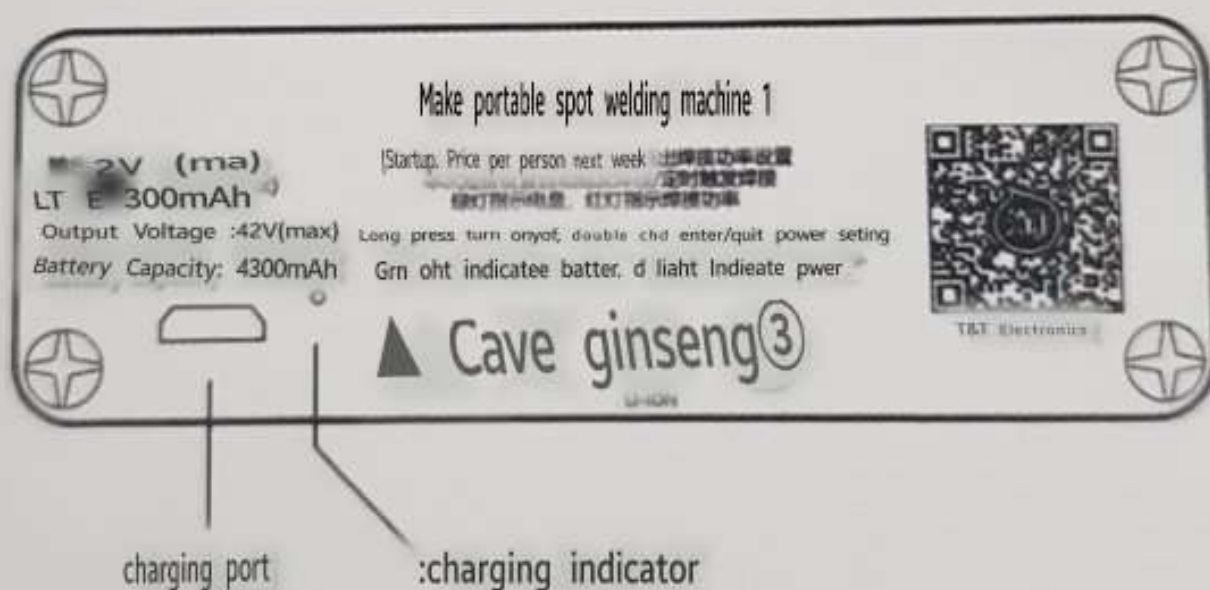
# product description

Please read this manual carefully before using the crystal.

## Front panel:



## Rear panel:



This product is a portable battery energy storage type spot welding machine, the main wife is used for 1 86 50 and other cylindrical Welding of battery nickel sheet. This product has a built-in high-rate polymer power cell, the maximum output The output current is as high as 639A. Theoretically, it can be continuously welded to the dry spot when fully charged. Native Product with output power and remaining battery indicator, timing trigger output and automatic trigger Two output modes are output, and 4 levels of output power can be set at the same time.

## Convenient instructions

### Switch machine

1. In the U.S. state, press and hold the button for 1 second. The indicator lights up and the device is turned on.
2. Press and hold the button for 2 seconds in the power-on state. The indicator light goes out, and the device is turned off.

### Switch output mode

After turning on the device, the welding output starts, and the output mode can be switched by pressing the button once.

The following two output modes are available:

1. Timing output: the welding current is output every 1.5 seconds, the user needs to be in the output gap. Adjust the position of the soldering pen and ensure that the soldering pen is in good contact with the insert before the current is output.
2. Automatic trigger output: when it is detected that the two soldering pens are in good contact with the nickel sheet, the automatic welding current is output once automatically, and no current is output when the welding pen is not in contact with the nickel sheet.

### Set output gear

1. Short press the button twice quickly, the red indicator light is always on to enter the gear setting.
2. Single short-circuit the key to modify the output gear size.
3. Quickly short the button twice to save and exit the setting.

### Spot welding nickel sheet

1. Ensure that both ends of the battery are flat, clean and free of rust.
2. Ensure that the nickel sheet is flat and clean.
3. Install the quick release spot welding pen, set the spot welding machine, and press properly to make the welding needle and nickel sheet and insert are in good contact with the battery, and no dangling elements are in poor contact.
4. Wait for welding current output.

**A Note:** Do not use force to connect the soldering pen! Just touch it with the aid of the pool! Pressing hard will not weld firmly!

### Automatic beauty machine

The product will automatically shut down when there is no operation for 10 minutes.

## Indicator light description

The front panel of the product has 4 three-color indicator lights, the green indicates the remaining power, and the red indicates the output. In the crotch position of the power output, the orange color indicates that the power is on.

### Remaining battery indicator



Remaining power 75%-100%

Surplus power 50%-75%

Remaining power 25%-50%

Remaining power 10%-25%

Remaining power <10% (flashing)

### Output gear indication



4 gear (highest)

3 gears

2 gear

1 gear (lowest)

Maintenance discharge mode

### Indicator status and status

Green light flashes red light

*Steady green*

*Red light is always on*

Lights off

1.55 timing output

Auto detect trigger output

Enter output gear setting

Already

### charging indicator

There is a two-color indicator light near the charging port on the rear panel of the product.

Electricity green means charging



## Charging and maintenance

### Recharge

When the spot welder has insufficient power, please charge it in time and use the voltage 5V. Electrical appliances are fine. When charging, the indicator light is red, full of transition color, 25%, the output power will decrease, and the spot welding effect will be weakened. The best effect is above 50%. This product supports charging while using.

### Long idle

If there is no operation for 5 days, the device will automatically enter the maintenance discharge mode and automatically discharge to About 50% of the battery, fully charged when needed.

### Maintenance discharge duplex

The four indicator lights will be orange constant after entering the image-raising discharge mode. A small amount of heat will be generated, and the machine will automatically be beautiful after discharge to 50%. Short press the button during power up to manually drop out. When the machine is on, you can manually enter the discharge mode without letting go after the light is on.

### Soldering pen maintenance

1. The soldering pen terminal has a gold-plated outer layer, unless necessary, please do not disassemble and spot welding frequently. The wear of the pen and the gold-plated outer layer will weaken the conductivity and reduce the welding effect. Soldering pen terminal When the connection is not secure, use a cone (such as a pen tip) to poke into the terminal to make a small amount of uniform expansion.
2. The soldering needle may be oxidized after the soldering pen many times. If the soldering performance decreases, it is recommended to use Lightly sand with 1000 mesh sponge sandpaper.



### caveat

1. Do not disassemble the body or replace the battery by yourself.
2. Jing Do not charge the product for a long time when unattended.
3. The product contains lithium batteries, please do not throw them into fire or charge them at high temperatures, or use them for convenience

### Or place.

4. Do not modify or repair this product by yourself.
5. Do not put in water or allow other liquids to penetrate into the product.

## Troubleshooting

| Troubleshooting barrier  | Possible Causes                                    | Solution  |
|--------------------------|--|---|
| Can not boot             | The battery is out                                 | Connect the charger to charge                       |
|                          | Battery over discharge                             | Replace the battery after returning to the old      |
|                          | Circuit failure                                    | Repair after returning to old                       |
| Abnormal indicator light | Circuit failure                                    | Repair after returning to old                       |
| Can't charge             | Damaged charger/charging cable                     | Replace the <i>charger/charging cable</i>           |
|                          | Circuit failure                                    | Return to after-sales maintenance                   |
| Poor welding effect      | The soldering pen terminal is not installed firmly | See page 5 for soldering pen maintenance            |
|                          | Nickel sheet is too thick                          | The most abundant welding 0.12 bromine plated sheet |
|                          | Wrong material being welded                        | Cannot be welded to aluminum, words                 |
|                          | Excessive use                                      | Jing do not press the soldering pen hard            |
| Uncontrolled output      | damaged control tube                               | Back to after-sales maintenance                     |

## A warning

The output is not controlled, it is very likely that the control tube is damaged, please remove the spot welding pen and turn it off immediately  
Machine, contact after-sales repair, please do not continue to try welding.

## Product parameter

Product number

Carry spot welding machine 15

type of battery

Rechargeable polymer lithium battery

battery capacity

**4300mAh(TYPE)**

The output voltage

**4.2V (MAX)**

Output current

**639A (MAX)**

Design current

**1200A (MAX)**

Input aid

**Micro USB/Type C**

Enter the number

**5V- 1A**

Recommended belt thickness

**0.1~0.12mm**



# After-sales service and support

## Warranty Policy

1. Within 7 days from the day after your meal is signed, this product will appear <sup>listed in the table</sup>  
<sup>能</sup> If the order is R, after-sales testing is confirmed, you can enjoy the whole return for free. <sup>M</sup>  
<sup>Service</sup> <sup>of change clothes</sup>

, If you sign for the next day from 8 to 15 days, this product will be out of the "Sex Festival"  
In the case of performance failures, after-sales testing is confirmed, and you can enjoy plum repairs. <sup>table</sup>  
<sup>Maintenance service;</sup> (or

3. Within 6 months from the next day after you receive it, the product will fail as described in "  
In the case of performance failure, it is confirmed through the old post-test, and it is free to sell and enjoy repair service.

## Performance failure table

1. The switch is abnormal;;
2. The charging is abnormal;;
3. The indication is abnormal/not bright;;
4. The spot welding effect cannot be sustained under reasonable use of idle conditions;;
5. It takes too short time after charging;;

## Non-warranty regulations

1. Unauthorized maintenance, misuse, collision, negligence, abuse, liquid ingress, discussion, Alteration, incorrect use of non-product accessories, or tearing or altering of labels, anti-counterfeiting mark;;
  2. Used welding pen, nickel tape and other consumables;;
  3. The warranty period has expired;;
  4. Damage caused by force majeure;;
  5. Circumstances that do not meet the performance failures listed in the Performance Failure Table;;
  6. The product and its accessories are produced due to human reasons (the ratio listed in the performance failure table"
- Can fail.

## After-sales considerations

1. The products returned or exchanged shall not affect the secondary sales, and must be returned as they are, if any. Please also mail the product. If the return or exchange is caused by quality problems, please pay in advance. The fee will be returned after we receive the goods.
2. The return is caused by non-quality reasons, and the gifts such as nickel tape, insulating paper, etc. have been used. It will affect the secondary sales and refuse to return, and the customer must compensate for the loss of the gift at the price.

## contact us



BIUTbIU official visit to the lead



WeChat Shi Fangde

Scan the QR code and note the account number of station B and Gongfang Huixin, so that you can use the tutorial and the skills.

Update off. New product Lao Gu Jiao can also enjoy discounts! If you have any questions, you can also WeChat

| Consultation.