

Induction fast welding easily

Dual induction

Induction welding

Induction setting

Fast welding

Including 700X500mm power battery pack could be welded.



1200A pulse current

8 FEATURES

Fast welding big size of battery pack

70BN high power welding pen

Intelligent double cores whole function digit controller

Save power Not consume one kilowatt a day

Induction setting pulse fast welding

Hand-held / upper push welding modes

Colorful parameter display

0.3 / 0.25mm thickness could be welded

Hight Power Intelligent Spot Welder

Intelligent DIS induction technology fast welding

Induction Welding & Pedal Control



Two welding mode



Automatic Welding Mode



Foot Pedal Welding Mode

Product application



Product parameter

Welding parts

Input voltage	AC220V/110V+20V
Power	4.3kw(Instantaneous)
Welding current	120~1200A(Push up welding mode)
2 pulses time	1~10ms
4 pulses time	2~20ms
8 pulses time	8~80ms
Welding thickness of fixed welding head	0.15~0.35mm
Welding thickness of welding pen	0.05~0.2mm
Size	140x245x200mm
Net Weight	7kg

Removable pulse welding pen

The distance of welding pins could be adjusted	2 ~ 7mm
The total length of removable welding pen	≈580mm
Welding pen cable area	16mm ²
Welding pin's size	∅ 15mm X 7mm

Intelligent DIS induction technology fast welding

NEW

①

DUAL SENSE

movable pulse
spot welder

Fast welding high power
battery pack

Movable welding pen could
sense to weld automatically
when touch to welded
components without foot
pedal control. The efficiency
of work could be increased.



Intelligent sense setting power pulse group

SUPER
PULSE

8P

6P

4P

NEW

②

DUAL SENSE

Induction setting pulse

Intelligent induction without touching
button to set pulse



Intelligent precision pulse

SUNKKO
737G⁺

Precision pulse beam energy fast welding
精密脉冲束能閃焊技術

Weld

Without connect to wire controlled foot pedal switch

Red light blinking

Automatic welding by sense

When the wire controlled foot pedal switch without connect to the machine, the port without light up that means the welding pen in the automatic welding by sense mode.



NEW

③

Connect the wire controlled foot pedal switch

The blue light is on

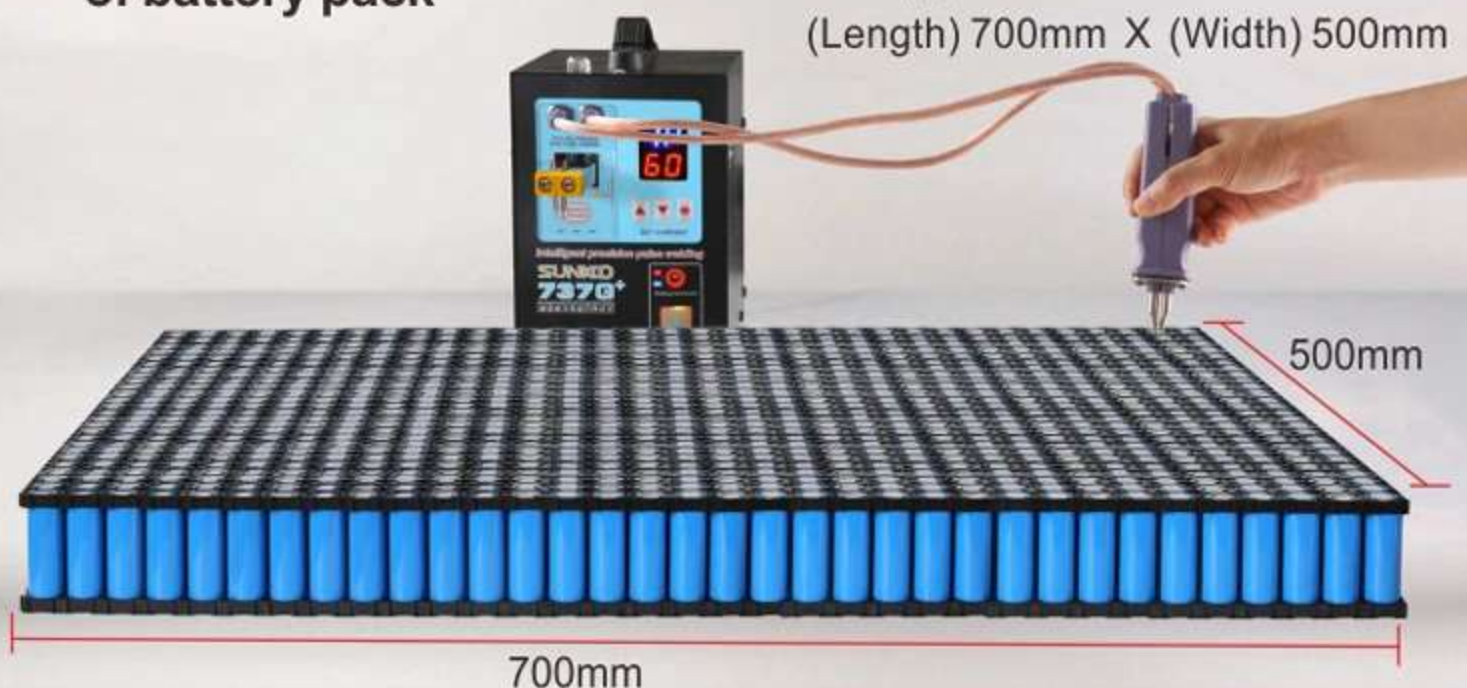
Spot welding by the wire controlled foot pedal switch

The joint port will light up in blue when the wire controlled foot pedal switch connect to the machine. That means spot welding controlled by the wire controlled foot pedal switch instead of in automatic welding by sense mode.

MODE ONE Hand held pulse spot welding pen to weld large battery pack

Welding right side of battery pack

Welding the maximum battery pack's size
(Length) 700mm X (Width) 500mm



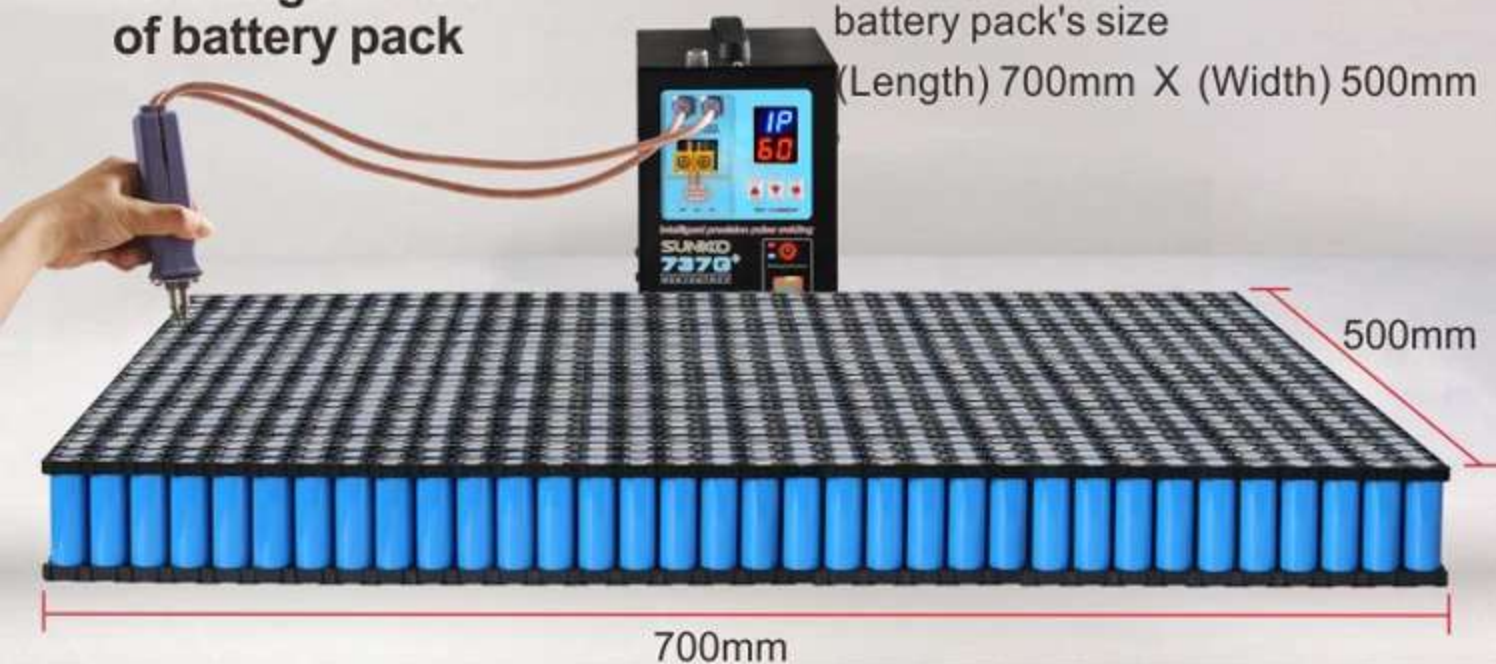
Welding in the front of battery pack

Welding the maximum battery pack's size
(Length) 700mm X (Width) 500mm



Welding left side of battery pack

Welding the maximum battery pack's size
(Length) 700mm X (Width) 500mm





Use removable welding pen to assemble battery pack

Professional welding pen in humanized design is convenient for holding and easy to operate.



The distance of welding pin is 2-7mm.



MODE TWO Push up welding

Use fixed welding head to weld three rows battery pack.



Use fixed welding head to weld 6 batteries in single row.



The max:0.35mm



Main Function

Function controlled panel

FRONT

Welding pressure
regulator

Output ports
for removable
welding pen

Fixed Welding
head for fixing
Welding pins

Induction pulse
setting key

Selecting
pulse group

Machine feet



Display welding
pulse

Display welding
current

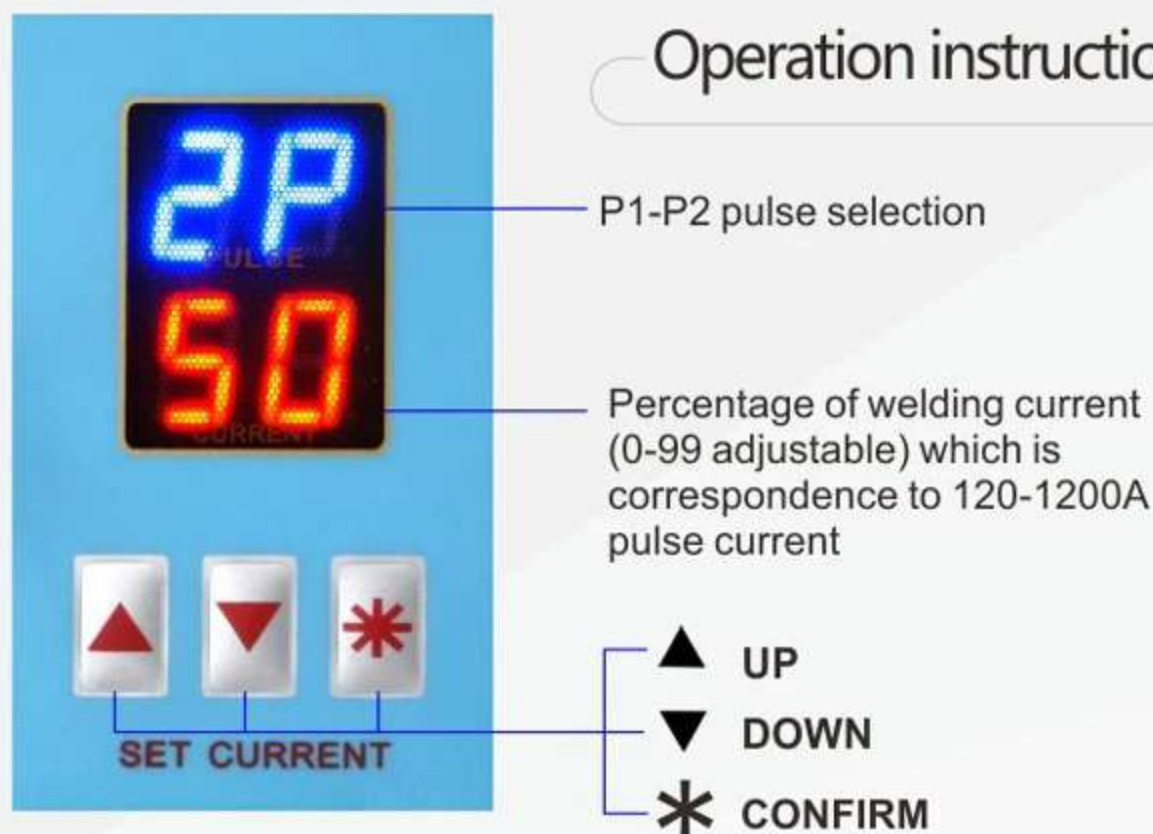
Parameter
setting key

Foot pedal switch
joint and mode
display

Tact switch for
power control
and indicator

Colorful parameter display

Operation instruction



- 1. The first and second digit show the volume of current. Press "*" key, the first digit will blink, that means the parameter could be adjusted through "UP" and "DOWN". Press "*" again to confirm.
- 2. The second digit will blink, that means the parameter could be adjusted through "UP" and "DOWN". Press "*" again to confirm.
- 3. P2 or P1 will blink for selecting. Please select P2 or P1 through "UP" and "DOWN" to select pulse. P2 means welding once in 2 times. P1 means welding once in 1 time.
- 4. Press "*" again to confirm. The spot welder can start to operation when the digits not blink.
- 5. Please select higher current power to weld material which is thicker than 0.1mm. And adjust suitable welding pressure.
- 6. Please refer the sheet to setting current and pulse.

Input voltage	AC 110V/220V $\pm$ 10V%
Primary current	2A~22A
Single pulse welding	0.05~0.12mm nickel strip
Double pulses welding	0.12~0.2mm nickel strip

BACK





Product details Showed

Real machine Present function Understand easily



01

Dual mode controlled and display

The blink red light on means the induction automatic welding mode is on.

The blue light on means the machine is in line controlled foot pedal switch controlled mode.



02

Line controlled foot pedal switch

Spot welder with professional controlled foot pedal switch joint and foot pedal switch

03

Fixed welding head

Enhanced output current structure to enhance welding effect. The output power is 1.3 to 1.5 times than the original power. 144 square plating alloy output welding arm to avoid resistance enhancement by oxide to affect welding effect.



04

Induction setting pulse fast welding

Setting pulse

- ☑ Without press pulse means 2 pulse
- ☑ Sense 4P means 4 pulse.
- ☑ Sense 6P means 6 pulse.
- ☑ Sense 8P means 8 pulse.
- ☑ Sense 4P and 6P means 10 pulse.
- ☑ Sense 6P and 8P means 14 pulse.
- ☑ Sense 4P, 6P and 8P means 16 pulse.

05 **POWER SWITCH**

Tact switch for turn on power

LED light tact switch is easy to control power and avoid poor contact from mechanical switch.





- ① Induction fast setting pulse
Induction welding automatically
- ② Fast welding 700X500MM big size of
battery pack.

Model	SUNKKO -737G	SUNKKO -737G ⁺ Upgrade
Power	2.8kw (Instantaneous peak value)	4.3kw (Instantaneous peak value)
Transformer	(Size: 86x48x75mm)	(Size: 86x60x75mm)
Circuit board	Circuit board	Upgraded circuit board
Pulse	Singular / dual pulse	2/4/6/8/10/14/18 Pulse group
Input voltage	AC110V/220V±10V%	AC110V/220V±20V%
Welding current	50~800A (Push up welding mode)	120~1200A (Push up welding mode)
Welding thickness of fixed welding head	0.05~0.15mm (Within 4 rows' battery pack)	0.15~0.35mm (Within 4 rows' battery pack)
Welding thickness of welding pen	× Can not use welding pen	0.1~0.2mm (large battery pack)
Removable Welding pen	×	✓
Induction setting pulse group	×	✓
Induction welding automatically	×	✓