

H52V215 Quick Set Two Steps

1. Adjust different battery types:

Press and hold the SET button for about 3 seconds to display P1. Press and hold SET again for about 3 seconds to enter the battery type selection mode. At this time, release the button and shortly press the SET button or U/D button, the voltage cycle displays 12V_3. 7V_3. 2V_2. V_1 .2V

- ◆12V: stands for lead-acid battery, single cell voltage is 12V
- ◆3. 7V: stands for polymer lithium battery, single cell voltage is 3. 7V
- ◆3. 2V: on behalf of lithium iron phosphate battery, single cell voltage is 3.2V
- ◆2. 0V: on behalf of lead-acid battery, single cell voltage is 2.0V
- ◆1.2V: stands for Ni-MH battery, single cell voltage is 1.2V
- ◆Default display: 12V
- ◆When switching to the corresponding battery type, release the button, wait until the screen flashes to save the setting and exit the setting mode

2. Adjust the number of battery sections:

Press and hold the SET button for about 3 seconds to display P1, and the short SET button will switch to display P2. Press and hold SET again for about 3 seconds to enter the battery number setting mode. At this time, after releasing the button, short press the SET button to increase the value. Press the U/D key to decrease the value downward; the adjustable range of "number of cells" for different types of batteries is as follows:

- ◆12V lead-acid battery: 1-10 cells
- ◆3.7V lithium battery: 4-34 cells
- ◆3. 2V lithium ion battery: 4-40 cells
- ◆2.0V lead-acid battery: 5-60 cells
- ◆1.2V inlaid hydrogen battery: 10-93 cells
- ◆Default display: 1
- ◆When switching to the corresponding battery number, release the button, wait for the screen to flash to save the setting and exit the setting mode

Non-alarm parameter adjustment menu operating instructions

Main Menu	A menu	Defaults	
P-1 (Set battery type)	12.0 (representing a 12-cell lead-acid battery)	12.0	
	3.7 (representing a 3.7 polymer lithium battery for a single cell)		

	3.2 (Representing a single cell of 3.2V lithium iron phosphate battery)		
	2 (representing a single 2V lead-acid battery)		
	1-2 (representing a single cell of 1.2V Ni-MH battery)		
P-2 (Set the number of battery cells)	1-99 (number of battery cells)	1	$(P-1)*(P-2) \leq 90$
P-3 (Set capacity calculation method)	P1 (normal discharge discharge)	P1	Calculate the corresponding capacity percentage according to the internal setting interval of the program
	P2 (Custom discharge interval)		You can set the corresponding voltage value when the battery is 0% or 100%
P-4 (Custom discharge upper limit)	Corresponding voltage value when the power is 100%	0	This value is valid only when P2 is selected in P-3 setting "Capacity calculation method"
P-5 (Custom discharge lower limit)	The corresponding voltage value when the battery is 0%	0	
P-6 (Display mode of voltage and percentage)	S1-V (Only display voltage)		
	S2-% (only the percentage is displayed)		
	S3-V% (Voltage and percentage are displayed cyclically in 4 seconds)	S3-V%	
P-7 (Charging display mode of battery bar)	01 (Static display)	01	During the battery charging process, the power bar dynamically displays the charging status visually
	02 (dynamic display)		
P-8 (Set the brightness of the backlight)	0/1/2/3/4	3	When set to 0, turn off the backlight, 4 is the highest brightness
P-9 (Set energy saving mode)	BL (Backlight off)	BL	
	DS (backlight and display are both off)		
P10 (Set energy-saving delay time)	0-999 (seconds) set to 0 means the backlight is always on	15	Delayed execution time of BL/DS in F-9
P11 (Voltage fine-tuning calibration)	Voltage value fine-tuning calibration	OFF	When the displayed voltage value has deviation, it can be adjusted within a certain range
P12 (Restore factory settings)	NO (do not restore the default parameters)	NO	Select YES, the current parameters are all restored to the factory settings
	YES (restore default parameters)		

Operation method of button adjustment parameters:

1. The key operation is divided into long press and short press;
Long press: press the button for more than 3 seconds to release;
Short press: release the button within 1 second after pressing the button;
2. Button definition

Short press SET (set key): switch the same level menu or adjust parameters, manually switch display voltage or display percentage

Short press U/D (operation key): switch the menu at the same level or adjust parameters, turn off the backlight display;

Long press SET (set key): enter the next menu

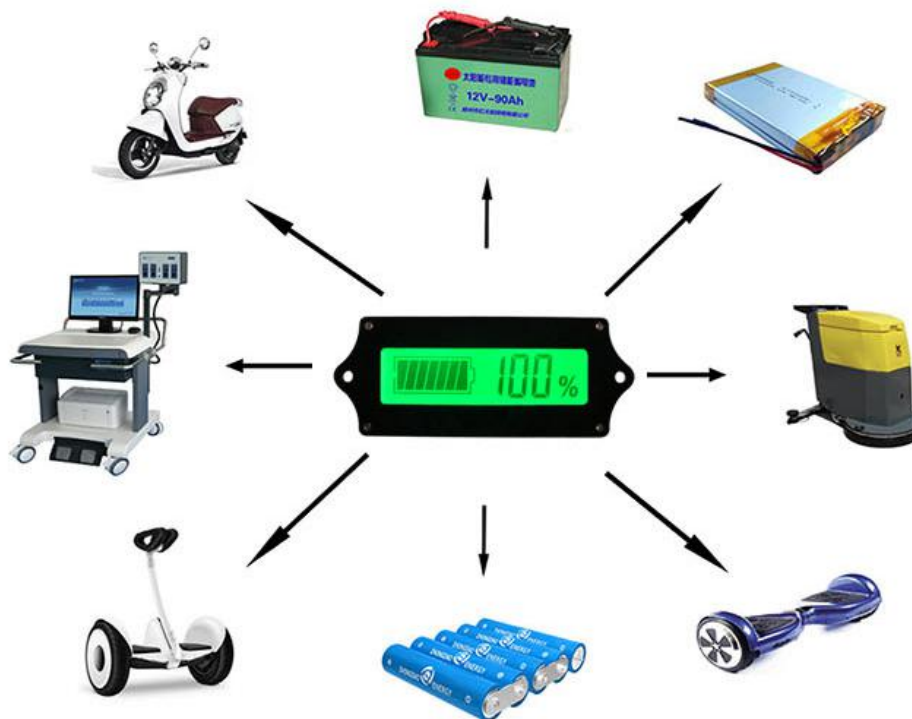
When adjusting the value, if you need to make a large adjustment, you can press and hold the SET key or the U/D key, the displayed value will continue to increase or decrease, and the speed will gradually increase. When it is close to the set value, release the key and press again Fine-tune under

3. Save and return the parameter value

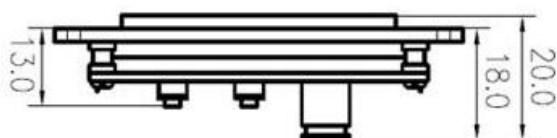
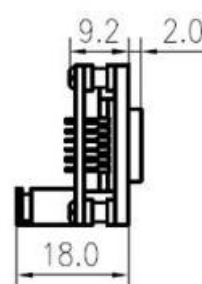
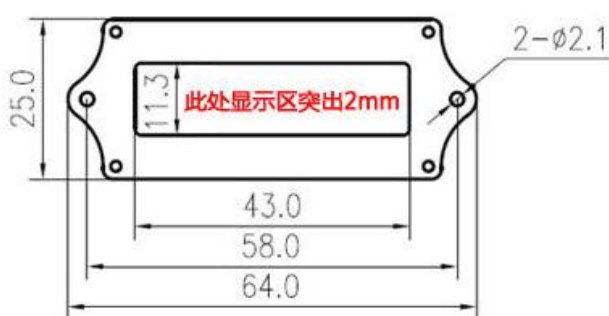
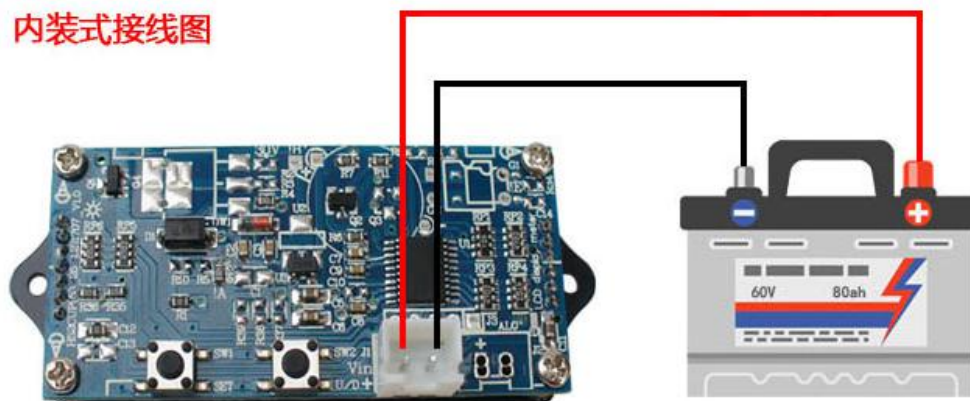
After 5 seconds without any key operation, the screen will flash twice to save the parameters and return to the previous menu.

Applicable battery types: ternary lithium batteries, polymer lithium batteries, lithium ion batteries, storage batteries, water batteries and other lithium batteries, lead-acid batteries.

Application: Suitable for various instruments and meters, mobile portable equipment, mobile power supplies, medical equipment, electric vehicles, balance vehicles, unicycles, etc.



内装式接线图



Product name	LCD liquid crystal battery indicator	Working humidity	10~80% (no condensation)
Product number	H52V212CUP	Working pressure	80~106kPa
Power supply	No need external power supply	Sunlight	No direct exposure
Measuring range	9-120V (wide range)	External dimensions	61.5x33.5x15.3mm, length x width x thickness
Minimum tidal rate	0.1V	External opening size	Suggest 58.5x28.5mm, length x width
Error	1% (± 1 word)	Built-in external size	64x 25 x16.8mm, length x width x thickness
Working current	<5mA (including backlight)	Built-in opening size	Recommend 43x11.3mm, length x width
Refresh rate	≥ 500 mS/time	Lead length	150mm
Display method	LCD liquid crystal display	Net weight	20g
Backlight color	Green	Gross weight	23g
Operating temperature	-10~+65°C		