

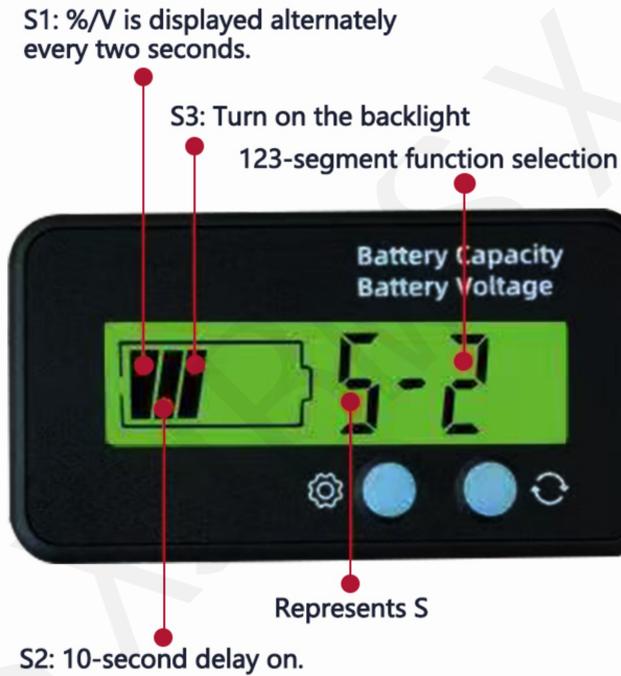
Battery LCD Display Instructions



Tips:

1. The battery monitor requires configuration; it is recommended to do so before installation.
2. If not configured, the battery level will always display 100%.

Battery Indicator Manual



- S1: %/V: Displays battery percentage and voltage value alternately for 2 seconds, followed by a 2-second self-test. (Factory default: Off)
- S2: 10-second delayed sleep: The battery display automatically goes to sleep after 10 seconds to save power. After sleep, press the function key to wake up the battery display for 10 seconds (Factory default: Off)
- S3: Turn on the battery display backlight. Turn the battery backlight on or off (Factory default: On)

Product Parameters

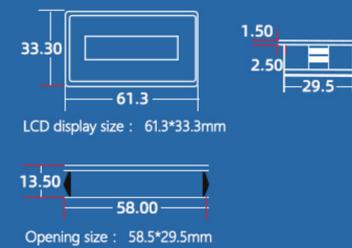
1. Voltage Test Range: 6-100V
2. Operating Current <15mA, Standby Current <5mA
3. Display: LCD
4. Color: Green, White, Blue
5. Test Accuracy: 1%
6. Measurement Speed: Approximately 2 times per second
7. Dimensions: 61.3 x 33.3mm
8. Wiring Length: 30cm
9. Cutout Dimensions: 58.5 x 29.5mm
10. Weight: 20g

Button Description



- Setting Button:** In the off-power state, press and hold the setting key and then power on to enter the setting page.
- Function Button:** Press the function key continuously to switch voltage, percentage, power on/off the screen.

Product Dimensions



According to the size of the LCD display, open a mounting hole and press it in to install it.

Detailed steps for various battery settings

1. Press and hold the setup key and power on. The display will show L03. Press the setup key again. L will change to P.
2. Short press the function key. The number 03 will flash. Select the series number of lead-acid batteries.

Lead-acid battery: 12V, 24V, 36V, 48V
Setting parameter: 12V: Set to P1; 24V: Set to P2; and so on.

Lead-acid batteries

1. Press and hold the setup key and power on. The display will show L03.
2. Short press the function key. The number 03 will flash. Select the series number of ternary lithium batteries.

Ternary lithium battery : 3, 4, ..., 16, 17 series
Setting parameter: 2 series: Set to L2; 3 series: Set to L3; and so on. Maximum 17 series.

Ternary lithium batteries

1. Press and hold the setup key and power on. The display will show L03. Press the setup key again. L will change to F.
2. Short press the function key. The number 03 will flash. Select the series number of lithium iron phosphate batteries.

Lithium iron phosphate battery: 3, 4, ..., 16, 17 series
Setting parameter: 3 series: Set to F3; 4 series: Set to F4; and so on. Maximum 17 series.

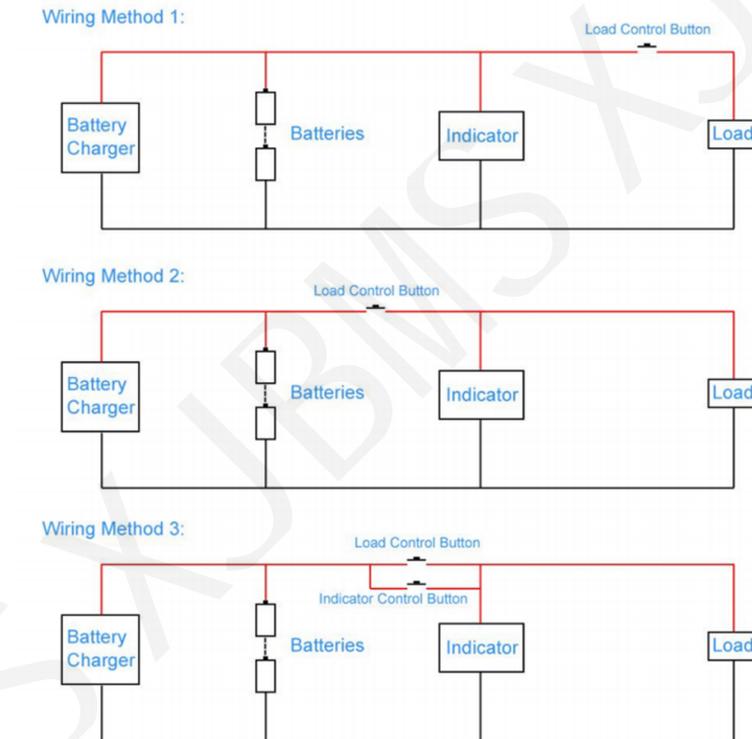
Lithium iron phosphate batteries

Custom Settings

After confirming the battery properties and the corresponding string number, press and hold the battery indicator when it flashes. (You can switch to a custom mode by clicking on it.) Set it to match your desired mode and it will automatically save after a power outage.

Battery Configuration Parameter Codes: Lead-acid battery: Set to P
Ternary lithium battery: Set to L
Lithium iron phosphate battery: Set to F

1. Power wiring diagram



The display has only two wires. The red wire connects to the positive terminal of the battery, and the black wire connects to the negative terminal.

(1)Wiring method 1: Connect the positive and negative poles of the battery

(2)Wiring method 2: Using load switch connection

Wiring method 3: Independent power switch control method