

6133 BATTERY GAUGE INSTRUCTION MANUAL

Product description

1. Ternary Li-L measurement from L03 string to L20 string (power-off memory)
2. Lead-acid battery P measurement: DC12V, 36V, 48V, 60V, 72V, 84V (power-off memory)
3. Lithium iron battery F measurement from F03 string to F23 string (power-off memory)
4. Custom setting high and low voltage range: DC8-100V

Parameter description

Voltage detection range DC8-100V	Operating current ≤15MA	How it is displayed LCD screen
Detection accuracy ±1%	Refresh speed 500ms/time	Cut-out size 58.5*28.5mm
Display color Blue/White/Color (optional)	Form factor 61.3*33.3*13.5mm	

Parameter settings

Enter the settings interface: On the main page, press and hold the button in the upper right corner for 2 seconds to enter the mode setting page.

Exit the settings interface: Press and hold the button in the upper right corner for 2 seconds to exit the settings page and return to the main page.

Mode 1--- Lead acid P setting

Lead-acid batteries



On the lead-acid battery settings page, the voltage value flashes, short press the lower right button to select the battery voltage that needs to be used, after selecting the voltage, short press the upper right corner button to confirm and save the value (voltage value is always on), long press the upper right corner button for 2 seconds to return to the main page, you can also press the upper right corner button for other mode settings.

Mode 2--- Ternary lithium L setting

Ternary lithium battery



On the ternary lithium battery battery setting page, the battery string value flashes, short press the lower right button to select the number of battery strings you need to use, after selecting the number of battery strings, short press the upper right corner button to confirm and save the value (the battery string value is always on), long press the upper right corner button for 2 seconds to return to the main page, you can also press the upper right corner button for other mode settings.

Mode 3--- Lithium Iron F setting

Lithium iron battery



On the iron lithium battery setting page, the battery string value flashes, short press the lower right button to select the number of battery strings you need to use, after selecting the number of battery strings, short press the upper right corner button to confirm and save the value (the battery string number value is always on), long press the upper right corner button for 2 seconds to return to the main page, you can also press the upper right corner button for other mode settings.

Mode 4--- Custom high and low voltage settings: custom low voltage and saturation voltage, display 00.0 000
The left number is the low voltage parameter, and the right number is the saturation voltage parameter

Customize high and low pressure settings



On the custom high and low voltage setting page, 00.0 on the left side is low voltage, 000 on the right side is saturated voltage, short press the lower right button to set the bit value, after the bit value is set, long press for 2 seconds The lower right corner button shifts, after the low voltage and saturated voltage are set, short press the upper right corner button to confirm and save the value (all values are always on), long press the upper right corner button for 2 seconds to return to the main page, you can also press the upper right corner button for other mode settings.

Tip: 000 on the right is actually 00.0, for example, 255 shows 25.5.

Mode 5--- Backlight settings: display 5-b, short press the lower right button to switch ON/OFF, ON is to automatically turn off the backlight after a delay of 10S, OFF is the backlight is always on

Displays the backlight settings



On the backlight setting page, ON/OFF flashes, press the lower right button to select ON or OFF,

ON: The display is automatically delayed for 10 seconds and then turns off,

OFF: The display is always on, press the button in the upper right corner to confirm and save the options, press and hold the button in the upper right corner for 2 seconds to return to the main page, or you can press the button in the upper right corner to set other modes.

Mode 6--- Low voltage alarm setting: display 00.0V Lo, left is the alarm voltage parameter (alarm when the voltage is lower than this parameter)

Low voltage alarm setting



On the low voltage alarm setting page, the left side 00.0 is the setting value, short press the lower right corner button to set the bit value, after the bit value is set, long press for 2 seconds the lower right corner button shifts, after the alarm voltage is set, short press the upper right corner button to confirm and save the value (all values are always on), long press the upper right corner button for 2 seconds to return to the main page, you can also short press the upper right corner button for other mode settings.

Note: If the user does not customize the low voltage alarm parameters, then the default battery of the product is less than 10% automatic alarm prompt.

Mode 7--- Alarm sound setting: display 7-A, short press the lower right button to switch ON/OFF, ON is to turn on the alarm sound function, OFF is to turn off the alarm sound function (This function needs to be selected when purchasing)

Alarm sound settings



On the alarm sound setting page, ON/OFF flashes, press the button in the lower right corner to select ON or OFF, ON: turn on the alarm sound,

OFF: alarm sound off,

Press the button in the upper right corner to confirm and save the options, press and hold the button in the upper right corner for 2 seconds to return to the main page, or you can press the button in the upper right corner to set other modes.

Note: There are two kinds of lithium batteries (ternary lithium L and iron lithium F), teach everyone to distinguish; First of all, the battery is fully charged first, the saturation voltage of a string of ternary lithium batteries is DC4.2V, and the saturation voltage of a string of iron lithium batteries is DC3.6V; for example: the saturation voltage displays 84V (20 strings), which is a ternary lithium battery, and then select parameters according to the setting mode of the ternary lithium battery.