

DC8-30V Battery Power Tester for Ternary Lithium/Lead-Acid/Iron-Lithium, 18W USB&Type-C; LCD Display with Custom Voltage Alarms

Description

Features:

1. Measurement of ternary lithium battery L: L03 to L07 (power-off memory) 2. Measurement of lead-acid battery P: DC12V, DC24V (power-off memory) 3. Measurement of iron-lithium battery F: F03 to F08 (power-off memory) 4. Custom setting of high and low voltage range: DC8-30V 5. The front is the power on/off button, and the back is the setting button. Please set the parameters before installation and use

Specifications:

1. Voltage detection range: DC8-30V 2. Working current: <15mA (without charging function) 3. Display mode: LCD screen 4. Display color: green/blue/white/color screen 5. Model: 6140 6. Temperature display (optional) 7. USB output: QC2.0, QC3.0, maximum output 18W (5V-3.4A, 9V-2A, 12V-1.5A) 8. Typec output: QC2.0, QC3.0, maximum output 18W (5V-3.1A, 7V-2.4A, 9V-2A, 12V-1.5A) 9. Detection accuracy: $\pm 1\%$ 10. Refresh rate: 500ms/time 11. Installation size: 58.5mm*36.5mm 12. Appearance size: 61mm*40mm*22mm

Mode Definition:

On the main page, press and hold the power on/off button for 2 seconds to enter the mode setting page, and then press and hold the back setting button for 2 seconds to exit the setting page and return to the main page. Mode 1 -- Lead-acid P setting; Mode 2 -- Ternary lithium L setting; Mode 3 -- Iron lithium F setting; Mode 4 -- Custom high and low voltage settings; Mode 5 -- Low voltage alarm setting (alarm when voltage is lower than this parameter); Mode 6 -- Backlight time setting;

Note:

There are two types of lithium batteries (ternary lithium L and iron lithium F), let's teach you how to distinguish them; first charge the battery fully, 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 shows 29.4V (7 strings), this is a ternary lithium battery, and then select the parameters according to the setting mode of the ternary lithium battery.

Package included:

Carton packaging LCD green light display battery power tester * 1 + line * 1

LCD COLOR LIGHT BATTERY LEVEL DETECTOR

Voltage detection range DC8-30V



LCD FULL COLOR SCREEN

Bright colors, clear and easy to understand, at a glance.



TWO-PORT OUTPUT COMPATIBLE WITH MULTIPLE DEVICES

Use as you please, don't worry about matching problems.



USE HIGH QUALITY MATERIALS

High quality assurance, safe use more peace of mind.



EASY TO OPERATE

The On/off button is on the front and the setting button is on the back.

* Please set the parameters before installation





Product feature:

- 1, Ternary lithium battery L measurement: L03 series to L07 series (power off memory)
- 2, Acid battery P measurement: DC12V, DC24V (power off memory)
- 3, lithium iron battery F measurement: F03 series to F08 series (power off memory)
- 4, Custom set high and low voltage range: DC8-30V
- 5, The front is the on/off button, the back is the setting button, please set the parameters before installation and use

Battery Level Tester Instruction Manual



Product parameters

1. Voltage detection range: DC8-30V
2. Working current: <15mA (without charging function)
3. Display mode: LCD screen
4. Display color: green
5. Model: 6140
6. Temperature display (optional)
7. USB output: QC2.0, QC3.0, maximum output 18W (5V-3.4A, 9V-2A, 12V-1.5A)
8. Typec output: QC2.0, QC3.0, maximum output 18W (5V-3.1A, 7V-2.4A, 9V-2A, 12V-1.5A)

Performance

1. Detection accuracy: $\pm 1\%$
2. Installation size: 58.5mm*36.5mm
3. Refresh speed: 500ms/time
4. Appearance size: 61mm*40mm*22mm

Product Description

1. L measurement of ternary lithium battery: L03 series to L07 series (power-off memory)
2. Acid battery P measurement: DC12V, DC24V (power failure memory)
3. Iron-lithium battery F measurement: F03 series to F08 series (power-off memory)
4. Custom setting high and low voltage range: DC8-30V
5. The front is the on/off button, and the back is the setting button. Please set the parameters before installing and using

Display backlight time setting



Backlight for 5 seconds (1 grid)



Backlight for 10 seconds (2 grids)



Backlight 25 seconds (3 bars)



Backlight 30 seconds (4 bars)



Backlight always on (5 bars)

On the backlight time setting page, the battery grid flashes, short press the on/off button to select the backlight time, short press the back setting button to confirm and save the option, long press the back setting button for 2 seconds to return to the main page, or short press the back setting button to perform Other mode settings.

Voltage Smart Calibration

Users need to prepare a high-precision DCMV power supply to realize the calibration function.

When the user needs to calibrate the voltage of the meter, disconnect the power, press and hold the on/off button, turn on the power, enter the calibration mode, release the button, and then press and hold the on/off button for 2 seconds to start automatic calibration (the letter V will flashing, the letter V is always on after calibration).



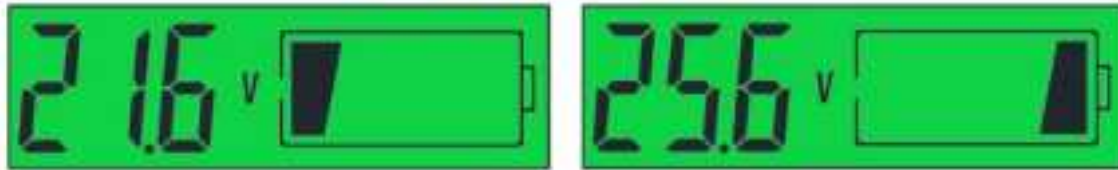
Calibration successful display effect



Calibration failure display effect

The reason for the failure of the calibration: the error of the external power supply is too large or the external power supply is not a DCMV power supply, resulting in a calibration error, please replace the external calibration power supply and re-calibrate.

Custom high and low voltage settings



On the custom high and low voltage setting page, the left picture is the low voltage setting page, the right picture is the saturation voltage setting page, short press the on/off button to set the number on the left, after the value is set, long press the on/off button for 2 seconds to set The middle number, after the value is set, long press the ON/OFF button for 2 seconds to set the right number, after the low voltage value is set, short press the back setting button to confirm and save the low voltage value, and then short press the back setting button to switch to the saturation voltage setting page, when After the saturation voltage value is set, short press the back setting button to confirm and save the value (all values are always on), long press the back setting button for 2 seconds to return to the main page, or short press the back setting button to set other modes.

Low pressure alarm settings



On the low-voltage alarm setting page, the number on the left is the set value. Short press the ON/OFF button to set the middle number. After the middle value is set, press and hold the ON/OFF button for 2 seconds to set the right number. When the alarm voltage is set, short press Press the setting button on the back to confirm and save the value (all values are always on), press and hold the setting button on the back for 2 seconds to return to the main page, or press the setting button on the back to set other modes.

Mode settings

Acid battery



On the Acid Battery Settings page, the voltage parameter flashes, short press the on/off button to select the battery voltage to be used, after selecting the voltage, short press the setting button on the back to confirm and save the parameters (the voltage parameter is always on), long press the back for 2 seconds Set the button to return to the main page, or short press the setting button on the back to set other modes.

Ternary lithium battery



On the ternary lithium battery setting page, the number of battery strings flashes, short press the on/off button to select the number of battery strings to be used, after selecting the number of battery strings, short press the setting button on the back to confirm and save the number of strings (the number of battery strings is always On), long press the back setting button for 2 seconds to return to the main page, or short press the back setting button to set other modes.

Iron lithium battery



On the lithium iron battery setting page, the number of battery strings flashes, short press the on/off button to select the number of battery strings to be used, after selecting the number of battery strings, short press the setting button on the back to confirm and save the number of strings (the number of battery strings is always on)), long press the back setting button for 2 seconds to return to the main page, or short press the back setting button to set other modes.



How to place an order



Payment



1) We accept Alipay, West Union, PayPal, TT. All major credit cards are accepted through secure payment processor ESCROW.

2) Payment must be made within 3 days of order.

3) If you can't checkout immediately after auction close, please wait for a few minutes and retry Payments must be completed within 3 days.

Shipping Channel

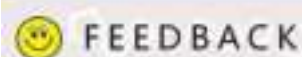


Shipping method	Courier	Shipping Time
Express Shipping	DHL Express	About 3-10 days
	EMS Shipping	About 3-10 days
Standard Shipping (for order over US\$5)	Aliexpress Standard Shipping	About 20-45 days
	Registered Air Mail(china post's packet-only for USA)	About 40-60 days
Economy Shipping (for order under US\$5)	Economy Post/land economy/SG economy/China economy	About 40-60 days

Sales Service



Feedback



Your feedback is really important to us, please take a few seconds to leave great feedback if you are satisfied with our product or service as many thanks!

If our goods or service does not satisfy your any questions, pls contact us and give us a chance to improve before open a dispute or leaving any type of feedback.



Please give us five-star feedback.

