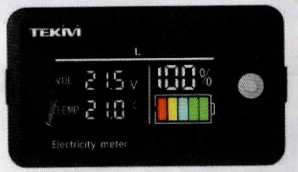
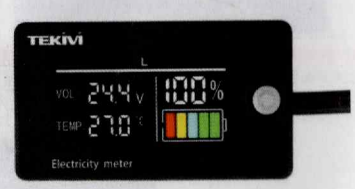
6839C/6840C User Manual



Model: 6840C



Model: 6839C

Kindly Reminder

1. Setit upbeforeyouuseitafterreceivingtheform(remember)
2. Ifyoudonotsetit,the batterywillalwaysshow100%fullcharge

Product Parameter

1、 Voltage measurement range: DC7-100V 2. Working current: less than or equal to 20mA
3、 Screen type: Color screen (wide viewing Angle) 4. Detection accuracy: ± 1%
5、 Scan speed: 1 time /500ms 6. Static power consumption: <2mA

Brief description of functions

1、 The default voltage of the three series ternary lithium battery is 3 when the product leaves the factory;
2、 Ternary lithium battery L measurement: L03 series to L22 series can be set;
3、 Lead acid battery P measurement: can set DC12V,24V,36V,48V,60V,72V,84V;
4、 Lithium iron battery F measurement: F03 series can be set to F26 series;
5、 Custom C measurement: can set any battery voltage parameter from DC7V to 100V (power off memory);
6、 SOC mode; (Users cannot set this function)
7、 On the main page, short press the key to turn on and off the display; long press the SET key for 2 seconds to enter the setting mode;
8、 High voltage and low voltage alarm function can be set;
9、 Data Saving Function after Power Outage
10、 Voltage Calibration Function (the voltage has been calibrated before the product leaves the factory, non- professionals please do not use this function)
11、 Backlight setting function; (the backlight is always on by default)
12、 Restore factory Settings function; (after using this function, all parameters of the product will be restored to factory data)

Mode Settings Description

1、 Setting of Ternary Lithium Battery (Menu 1)

To enter the settings page, long press the button for 2 seconds on the main page. The screen will display L-003 (three series of ternary lithium batteries). On the L-003 page, long press the button for 2 seconds until the number 03 starts to flash. At this point, short press the button to select the battery series number 03-22. After selecting the series number, long press the button for 2 seconds to confirm (the number will remain on the screen after confirmation). Then, long press the button for 2 seconds again to return to the main page (settings completed). Alternatively, short pressing the button to the next settings page.

2、 Lithium Iron Battery Settings (Menu 2)

To enter the settings page, long press the button for 2 seconds on the main page. At this point, a short press will switch you to the F-003 page (for 3 series of lithium iron batteries). On the F-003 page, long press the button for 2 seconds until the number 03 starts to flash. Short press the button to select the battery series number 03-26. After selecting the series number, long press the button for 2 seconds to confirm (the number will remain on after confirmation). Then, long press the button for 2 seconds to return to the main page (settings completed). Alternatively, a short press can also take to the next settings page.

3、 Lead-Acid Battery Settings (Menu 3)

To enter the settings page, long press the button for 2 seconds on the main page. At this point, a short press will switch to the P-12 page (for lead-acid batteries with 12V). On the P-12 page, long press the button for 2 seconds, and the number 12 will start to flash. Short press the button to select the battery voltage (12V/24V/36V/48V/60V/72V/84V). After selecting the voltage, long press the button for 2 seconds to confirm (the selected value will remain on after confirmation). Then, long press the button for 2 seconds to return to the main page (setting completed) or short press the button to proceed to the next setting page.

4、 Custom Voltage Settings (Menu 4)

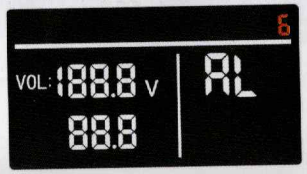
To enter the settings page, long press the button for 2 seconds on the main page. At this point, a short press will switch to the custom voltage setting page (as shown in the figure below, with the first row displaying the high-voltage value and the second row displaying the low-voltage value). After a 2-second long press, the first value will flash. Short press to select the desired value (in a loop). Then, after another 2-second long press, the first value will remain on while the second value flashes. Wait until all three values are set, then short press to enter the second row of settings. Once the values are set, long press for 2 seconds to return to the main page (setting complete) or short press to proceed to the next setting page.

5、 Backlight Settings (Menu 5)

To access the backlight settings on the main page, long press the button for 2 seconds. This will bring to the BL page. On the BL page, long press the button for 2 seconds until the 00 indicator starts to flash. At this point, short press the button to select the desired setting (00 for constant brightness, 10 for 10 seconds, 20 for 20 seconds, 30 for 30 seconds, 40 for 40 seconds, 50 for 50 seconds, 60 for 60 seconds, 70 for 70 seconds, 80 for 80 seconds, 90 for 90 seconds). After selecting the parameter, long press the button for 2 seconds to confirm (the value will remain constant after confirmation). Then, long press the button for 2 seconds to return to the main page (setting completed) or short press the button to proceed to the next setting page.

6、 High and Low Voltage Alarm Settings (Menu 6)

To enter the settings page, long press the button for 2 seconds on the main page. At this point, a short press will switch to the high and low voltage alarm function settings page (as shown in the figure below, with the first row showing the high-voltage value and the second row showing the low-voltage value). After a 2-second long press, the first value will flash. Short press to select the desired value (in a loop). Then, after another 2-second long press, the first value will remain on while the second value flashes. Wait until all three values are set, then short press to enter the second row settings page. Once the values are set, long press for 2 seconds to return to the main page (settings completed) or short press to enter the next settings page.



7、 Voltage Calibration Setting (menu 7, menu 7, Please do not set this function casually. Set it Privately will Affect the Voltage Accuracy)

Long press the button for 2 seconds on the main page to enter the setting page: At this time, short press the button to switch to the electronic calibration function page (CL). After long press the button for 2 seconds on the CL page, the voltage will flash. Then long press the button for 2 seconds to complete automatic calibration and return to the main page. Calibration is completed.

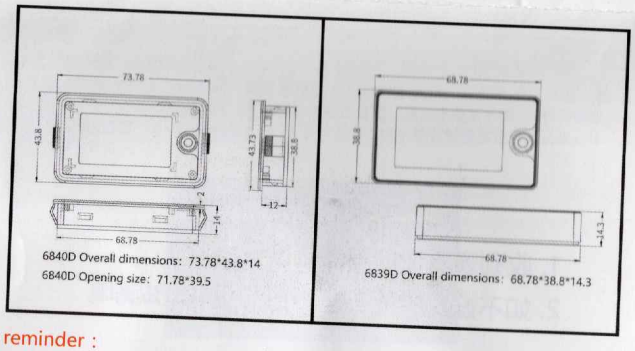
8、 SOC Mode Settings (Menu 8, Please do not set this function casually)

To enter the settings page, long press the button on the main page for 2 seconds. At this point, a short press will switch you to the SOC settings page (SO). On the SOC page, long press the button for 2 seconds, then select ON or OF from the right side. After confirming by long pressing the button for 2 seconds, long press the button again for 2 seconds to return to the main page (settings completed). Alternatively, a short press can take you to the next settings page.

9、 Restore Factory Settings (Menu 9, Non-Professionals Should Not Use This Function, Otherwise It Will Affect the Use of the Product)

To enter the settings page, long press the button for 2 seconds on the main page. At this point, short press the button to select the factory reset page (rF). On the rF page, long press the button for 2 seconds. The three 8s on the left will flash and then turn into three 0s. After another 2-second long press, the three 0s will remain on, indicating that the factory reset is complete. Then, long press the button for 2 seconds to return to the main page (settings completed) or short press the button to access the next settings page (menu 1).

10、 Product Size Diagram



kindly reminder：

1、This product is a closed design, private disassembly will cause damage to the product;

2、The input voltage should not exceed the use range of the product, otherwise the product will be damaged;

3、The test data of this product is for reference only. Please refer to the professional instrument for the actual situation.

4、This product has appearance patent, please do not imitate, imitation will be investigated!