

Steps for the BMS Current Calibration Function

A、Matters Requiring Prior Confirmation(Fig 1)

- 1、Check the B-port (battery total negative terminal) and P-port (charger or load total negative terminal);
- 2、First confirm that the voltage acquisition cable is correctly connected to the battery in the proper sequence (for specific wiring, please refer to the battery wiring diagrams for different cell counts in Appendix 1.2 of the product manual);
- 3、Confirm that the V+ round hole has been connected to the battery's total positive terminal via a thin cable;
- 4、Confirm that the V+ round hole has been connected to the battery's total positive terminal via a thin cable;
- 5、Reinsert the C13/C24 cable (for models with 12S or above);
- 6、Ensure the entire circuit is in a disconnected state;

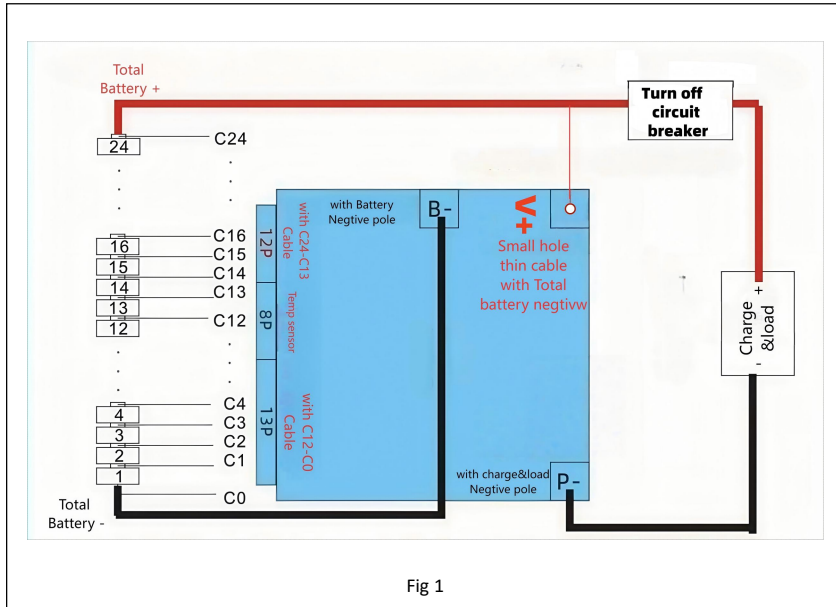


Fig 1

B、Set current display error level (Fig 2)

- 1、If you confirm that the current during the discharge and charging process exceeds 20A or more, you can skip this step;
- 2、If the continuous current during normal operation is generally within 0-20A, it is recommended to perform this step;
- 3、On the "System Settings" page of the third screen in the APP, first verify the BMS management password (the default password is blank, and it is recommended that customers change the password upon initial connection);
- 4、Scroll to the bottom, enter 0.1A in the "Current Debouncing" input box, and click "Send" to complete the setup;

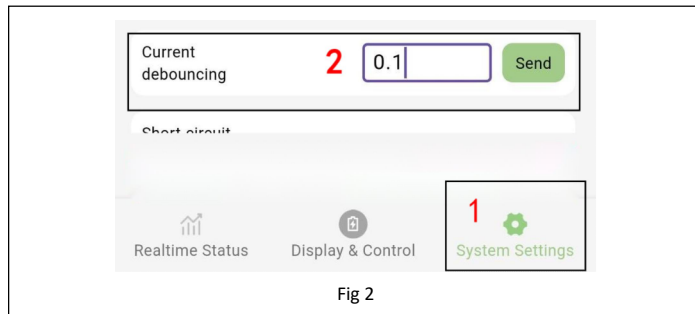


Fig 2

C、Static current calibration (without charge/discharge process) (Fig 3)

- 1、Check the total current displayed at the top of the APP homepage to see if it is zero; if it is not zero or the difference is extremely small, calibration is not required;
- 2、First verify the BMS management password on the "System Settings" page in the third section of the APP.
- 3、Click the "Current Reset" button below;
- 4、Return to the AAP homepage and check whether the total current is zero. If it is zero, it indicates that the static calibration is successful;

D、Dynamic current calibration (charge/discharge current Must > 9A) (Fig 4)

- 1、Check the total current at the top of the APP homepage and confirm that the current difference, if it is significant, requiring calibration to be performed;
- 2、Before calibration, you need to confirm the current charging/discharge current through an external ammeter or device;
- 3、On the "System Settings" page of the third section in the APP, first verify the BMS management password;
- 4、Scroll to the bottom, enter the "pre-confirmed current value" in the "Present Current" input box, and click "Send" to complete the settings;
- 5、Return to the AAP homepage and check whether the total current has any deviation from the set value. If there is no deviation or the difference is extremely small, it indicates that the dynamic current calibration was successful.

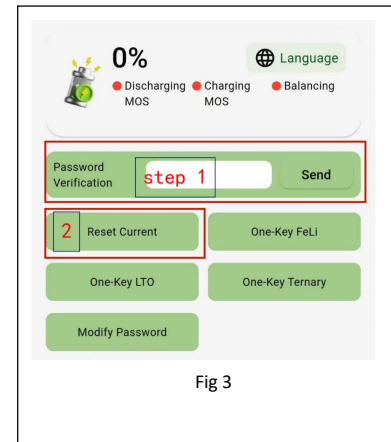


Fig 3

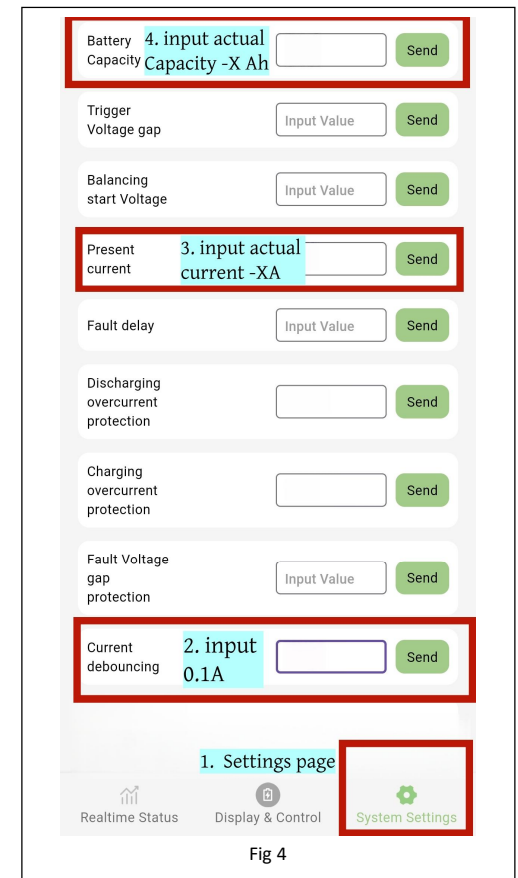


Fig 4