iCharger User Calibration

The **iCharger** has been calibrated before entering to the markets, but if the users find that there is too much deviation, you can calibrate it as the following items:

These steps are suitable for 1010B+, 1010B, 106B+, 106B, 208B,306B and 3010B, but only useful for 3.09 version and further version in the future.

Before calibration, you need prepare:

- battery pack (the individual voltage ranges from 3.9-4.2V)
  3010B,1010B(+)……10s 306B,206B106B(+)……6s 208B……8s
- $4\frac{1}{2}$ Digital Multimeter
- Steadily 12V input power supply

Calibrating steps:

1. Press <Stop><Dec><Inc><Start> these 4 buttons together, then electrify the **iCharger**; loose the buttons when hearing 3 beeps from the buzzer.

2. Connect the battery to the **iCharger** charging port and the balance port.

3. After starting the charger, hold <Stop> button for 3 seconds to the monitor interface.

4. Press <Inc> or <Start> button to choose your "need-to-be calibrated" voltage screen, then hold <Dec>< Inc ><Start> three buttons for 3 seconds at the same time to calibration state.

5. The "need-to-be calibrated" voltage begins blink (the voltage value and the calibrate value showed on the screen alternatively). At this time, you can calibrate the **iCharger** by the value your digital multimeter reads, pressing <Inc> to increase and <Dec> to decrease. Press <Start>， then you can switch the calibrated voltage; press <Stop> to quit from calibration state. The step 3 and 4 can be repeated several times to calibrate all the voltage.

6. Press <Stop> to quit and if you need to calibrate next time, you need begin from the 1st step.

Warning：

1. When calibrating, you need clear the voltage source.
2. Step **1** and **2** cannot be in reverse order.
3. If the user calibrates it in a wrong way, which damage the battery or cause other serious danger, our company will be of no responsibility.

Note:

“Vo” calibration

Use these 2 points of calibration method, to ensure voltage can be well calibrated：

- Connecting nS batteries，and calibrate ”Vo” first。
  (3010B,1010B(+): n=10 306B,206B,106(+):n=6 208B:n=8)
- Then connection 3S(11-13V) batteries，and calibrate ”Vo”。

By Junsi 2010-05-19 V5