



**LP-4B**  
LITHIUM POLYMER  
BALANCER METER

## Lithium Polymer Balancer Meter LP-4B Instruction Manual

Thank you for purchasing our Tahmazo LP-4B Lithium Polymer balancer meter. The Tahmazo LP-4B not only measures the voltage of each individual lithium cells, it also balances the lithium pack to optimise the performance of the lithium pack. Tahmazo LP-4B will let you know the condition of your lithium cells as well as conditions your lithium pack.

### Features

- 01 Light weight and portable
- 02 Measure voltage of individual lithium polymer batteries up to 4-cells
- 03 Balances the lithium polymer battery pack
- 04 2-line 16 character LCD
- 05 Polarity protection

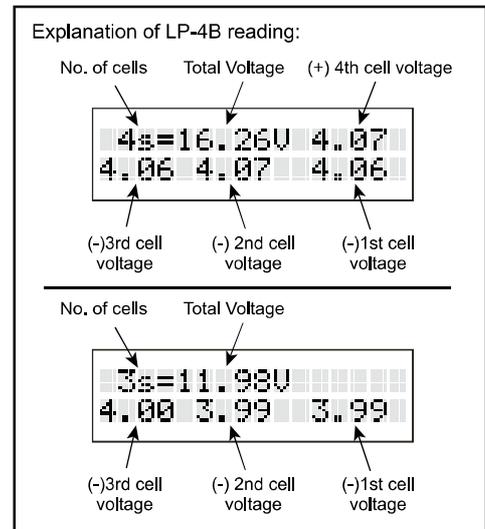
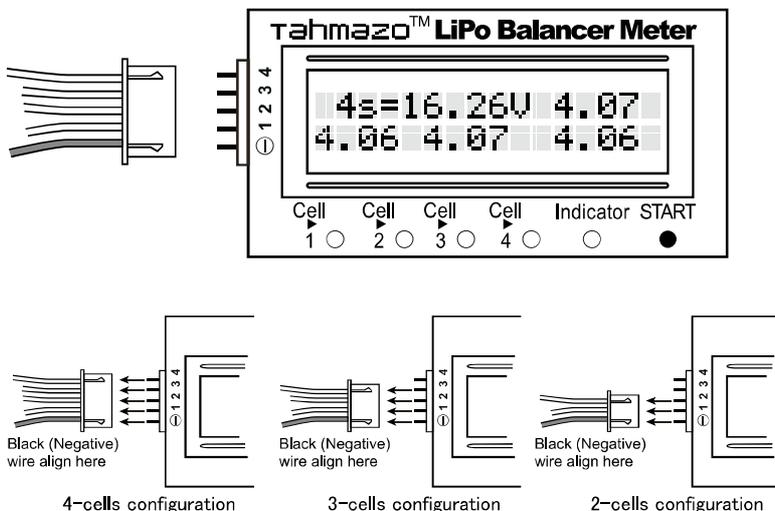
### Specifications of LP-4

- No. of cells: 2-4 cells  
 Type of cells: Lithium polymer, Lithium Ion, LiPO4 (A123) cells  
 Display: 2-line 16-character

### Tahmazo LP-4B as a 'fuel gauge'



Connect the LP-4B Lithium Polymer Balancer Meter to the balancing connector (JSTXHP) of the lithium battery pack. The green INDICATOR LED will light up, and the LP-4B will indicate the voltage of the individual cells. A fully charged lithium polymer cell will indicate a voltage of 4.20v. If the voltage indicated on the LP-4B is less than 4.20v, then the cell is not at its 100% capacity. The voltage of the cell is an indication of its capacity and it will vary between lithium cells of different manufacturers.



### Tahmazo LP-4B as a Balancer

Connect the LP-4B Lithium Polymer Balancer Meter to the balancing connector (JSTXHP) of the lithium battery pack. Press the START button to start balancing the lithium pack. The blinking RED LEDs indicate the LP-4B is balancing the corresponding lithium cell of the pack. To stop the balancing operation, press the START button again.

If the lithium pack is balanced, the green INDICATOR LED will automatically light up and balancing operation stops.

Tahmazo LP-4B balances the cells in the pack by way of 200mAh discharge current and the accuracy of the voltage is 0.01v.

### Warning

- Do not disassemble the LP-4B Lithium Polymer Balancer Meter.
- Do not allow water, moisture or foreign objects into the LP-4B.
- Do not place the LP-4B on or near a flammable object while in use.
- Do not short-circuit the contacts of LP-4B in any way.
- Do not use LP-4B for measuring voltage of battery type other than those recommended above.

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**LP-4B INSTRUCTION MANUAL**

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