



# CHARGERLY BM6

## LCD Battery Monitor manual

NEW! Accurate and easy to use, the Chargery Battery Monitor BM6 is a microprocessor controlled high precise voltage detector, the unit can measure each cell voltage in 2S-6S LiPo & LiFe battery pack, the total voltage and voltage difference are displayed simultaneously.

**Especially, BM6 will give a warning buzzer when any cell voltage reaches any value you set in flight, or over 4.22V in charge.**

**The monitor can be used in Charge, Discharge or as a battery checking tool at the field or in the workshop.**

The unit includes reverse polarity detection, and 2.54 or 2.0mm pin distance balance connector for all kinds of battery.

**In flight, BM6 can alarm when any cell voltage under setup value, before flight please press the button for 3 seconds and then press button shortly set up the warning cell voltage, press for 3 seconds confirm.**

### Specifications:

- Battery range: 2S-6S Lipo & LiFe
- Voltage display resolution: 0.001V
- Voltage Detection precision: 0.005V
- Cell Voltage display range: 1.50~4.99V
- Total Voltage display range : 3.00~29.94V
- Alarm cell voltage: **2.00~4.00V**
- Current loading of test: 8mA
- Pins distance: **2.54mm OR 2.00mm**
- Size: **80 x 25 x 12** ( L\*W\*T, mm)
- Weight: **12g**
- Package: transparent heat shrink tube

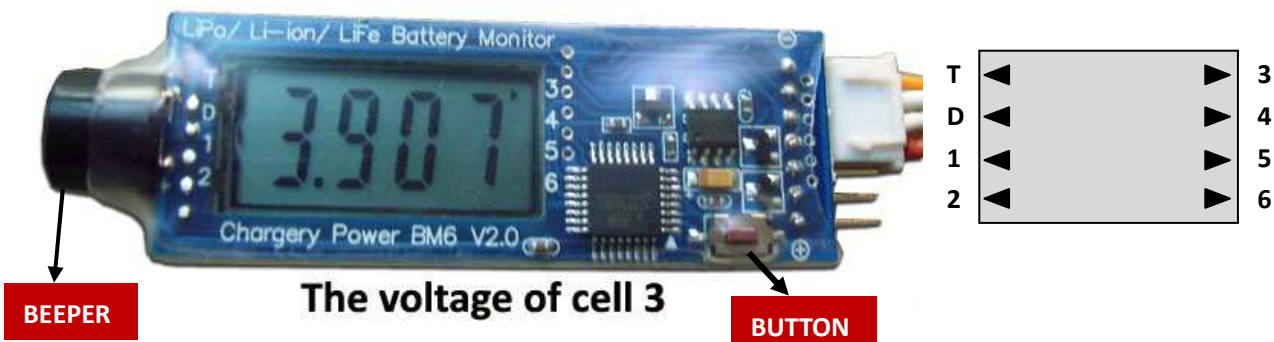


**lowest cell voltage setup for alarm**

### 3S LiPo battery detection comparison

Fluke multi meter	CHARGERLY BM6
<b>4.195V</b>	<b>4.193V</b>
<b>4.205V</b>	<b>4.202V</b>
<b>4.203V</b>	<b>4.201V</b>

### Display description:



**In above image, cell 3 voltage of 3.907V and 3 is displayed.**

Take for 6S battery pack as sample, there are 8 data displayed in turn, every time 1pcs and 1pcs data is displayed simultaneously. From left to right, **T** means total pack voltage; **D** means cell voltage difference, number **1** to **6** means cell voltage for cell 1 to cell 6. **You can press the button shortly stop cycle displaying and press it again resume display.**