CHARGERY 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 2.54mm 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.

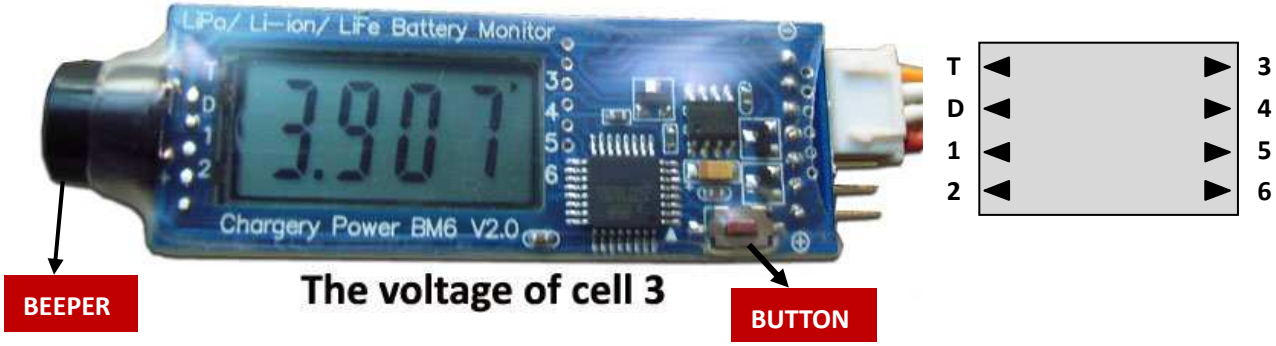
Specifications:

- 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
- Over discharge Alarm cell voltage: **2.00~4.00V**
- Over charge Alarm cell voltage: **> 4.22V**
- Current loading of test: 8mA
- Pins distance: **2.54mm**
- Size: **80 x 25 x 12** (L*W*T, mm)
- Weight: **12g**
- Package: transparent heat shrink tube

lowest cell voltage setup for alam

3S LiPo battery detection comparison	
Fluke multi meter	CHARGERY BM6
4.195V	**4.193V**
4.205V	**4.202V**
4.203V	**4.201V**

Display description:



The voltage of cell 3

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