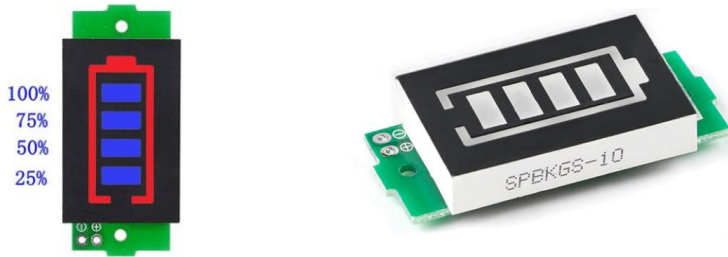


1/2/3/4/5/6/7/8S Lithium Battery Capacity Indicator



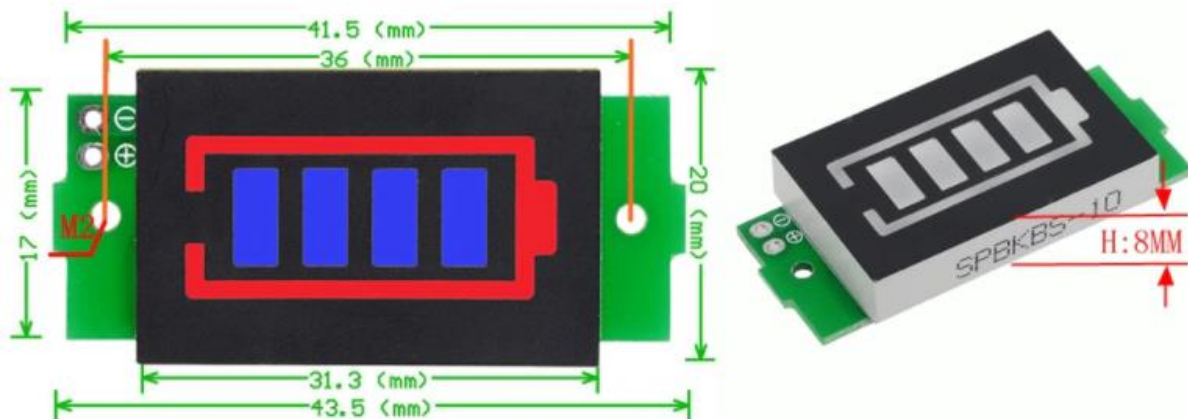
PRODUCT FEATURES

Working Voltage	DC3-34V
Working Current	5mA
Working temperature	-20~50 °C
Size	43.5*20mm

Notes:

- This model is not waterproof, if you use it outdoors, please make it waterproof, because the electronic components need to be used in a dry environment.
- Lithium battery, lead-acid, nickel-metal hydride battery can be used to display the battery, as long as the required voltage is within the range of the parameter table.

Dimension



How to use

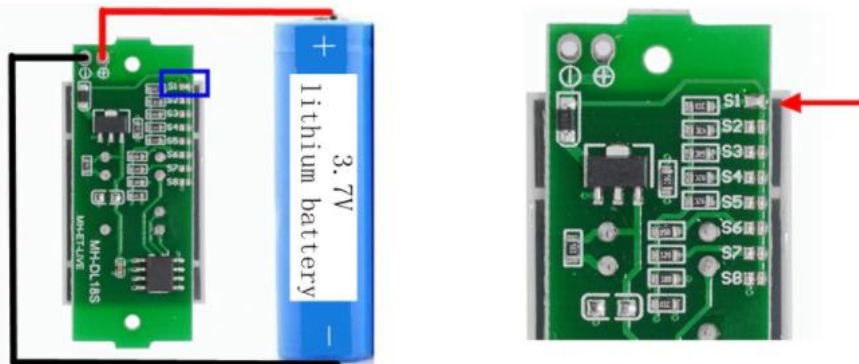
Connect the positive and negative ports of the display board to the positive and negative ports of the battery under test, and the digital display tube will display the real-time battery power.

Note that if you are connecting several series of lithium batteries, you must connect tin to the corresponding pads. For example, if you are measuring a 2S battery (that is, two 3.7V lithium batteries in series), you need to short-circuit the solder on the pad corresponding to S2 of the board.

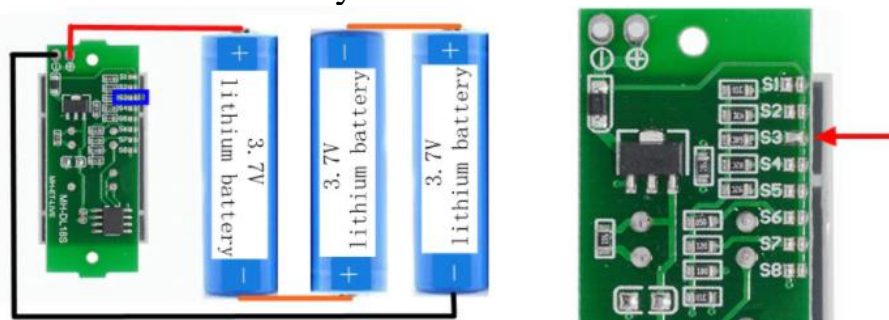
1. Battery-type power display, select the corresponding solder on the pad to detect the battery pack voltage corresponding to 1S-8S, which is very convenient.

S1-S8 optional pads can only be connected one, not allowed at the same time

- 1-Cell Lithium battery connection:



- 3-Cell Lithium battery connection:



2. Application areas: Lithium batteries from 1S to 8S, batteries with corresponding voltages are all available (see the table for details)

	25%	50%	75%	100%
1S	3.3V	3.5V	3.7V	3.9V
2S	6.6V	7.0V	7.4V	7.8V
3S	9.9V	10.5V	11.1V	11.7V
4S	13.2V	14V	14.8V	15.6V
5S	16.5V	17.5V	18.5V	19.5V
6S	19.8V	21V	22.2V	23.4V
7S	23.1V	24.5V	25.9V	27.3V
8S	26.4V	28V	29.6V	31.2V

3. Pay attention to selecting the corresponding number of batteries strings, and use them within the corresponding voltage range. The maximum voltage should not exceed $4.3 \times N$. (For example, if you choose S3 on the solder pad, the maximum voltage detected by the module should not exceed $4.3 \times 3 = 12.9V$)

The battery voltage is greater than $N \times 3.3V$, and the power is on for 1 grid (Note: N is the number of battery cells)

Display battery quantity parameters: (Note: N means battery quantity)

- When the battery voltage exceeds $N * 3.3V$, 1 block of electricity will be illuminated
- When the battery voltage exceeds $N * 3.5V$, 2 pieces of power will be illuminated
- When the battery voltage exceeds $N * 3.7V$, 3 pieces of power will be illuminated
- When the battery voltage exceeds $N * 3.9V$, 4 pieces of power will be illuminated
- When the battery voltage is less than $N * 3.3V$, the 4 displays will turn off, indicating that the battery power is less than $3.3V$ and needs to be charged.