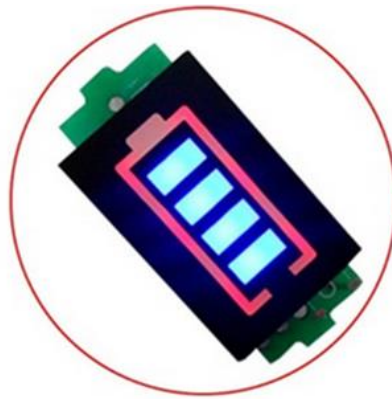
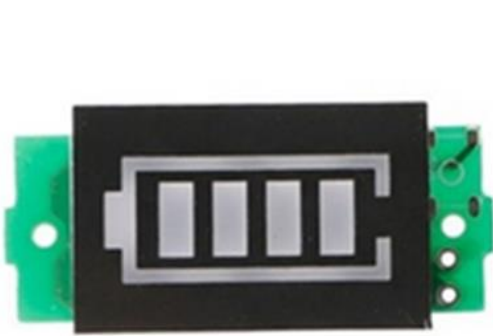




## User Guide

### 1~8 Cell Lithium Battery Level Indicator-User Configurable

Lithium battery capacity level indicator for 1 to 8 cells, user configurable with jumper pad setting. Compact design with blue LED 4-segments display. Simple connection with 2-wires to lithium battery pack.



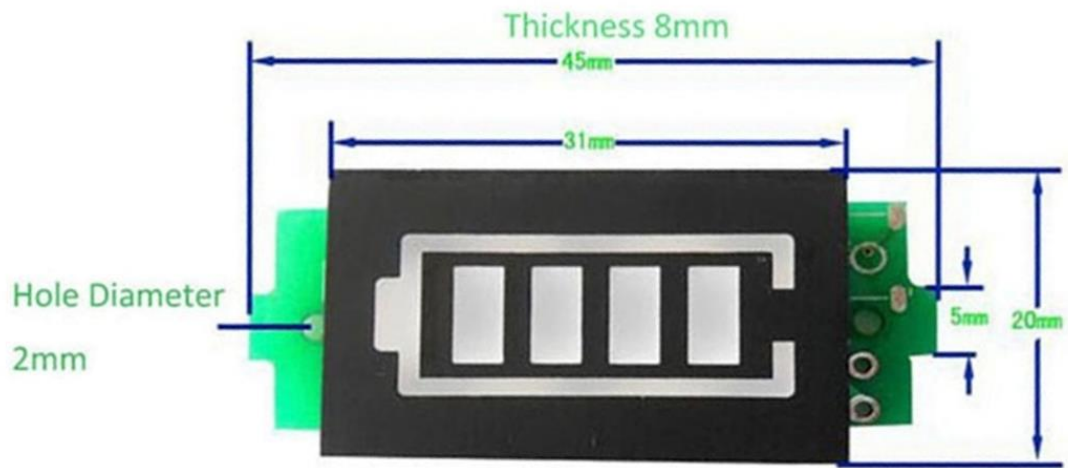
**SKU: [MDU1104](#)**

#### **Brief Data:**

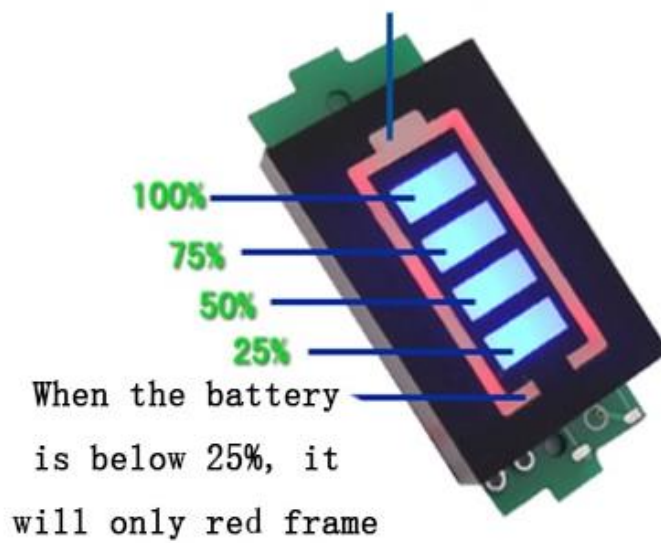
- Number of Cell: 1~8S.
- Battery Level Indicator Range: User configurable with jumper pad setting.
- Indicator Type: 4 Bar-graph.
- Display Color: Green/Blue.
- Dimensions: 45 x 20 x 8 mm (L x W x H).
- Mounting Hole: M2 Screw.
- Operating Temperature: -10°C~65°C.
- Weight: 5g.

**Mechanical Dimension:**

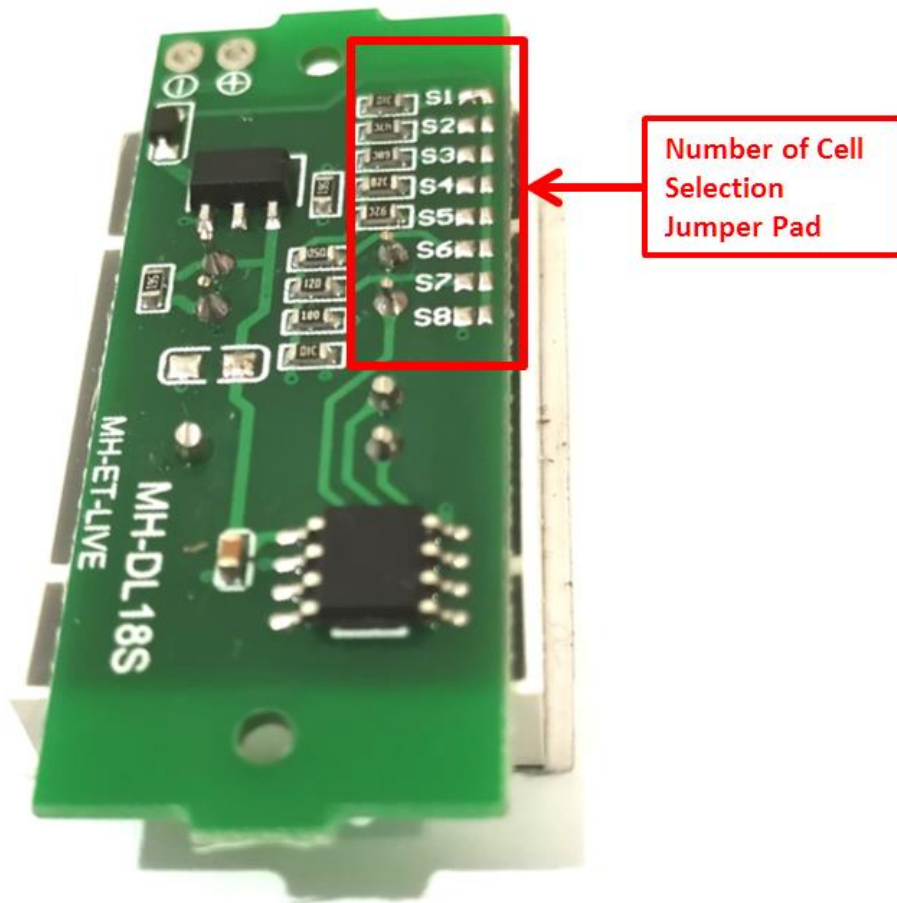
**Unit: mm**



4 Blocks Battery Electricity  
Quantity Display



## Jumper Pad Setting:

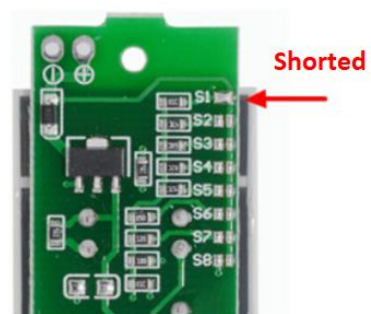
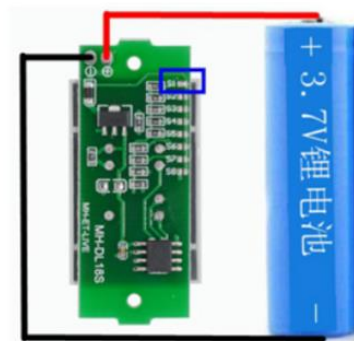
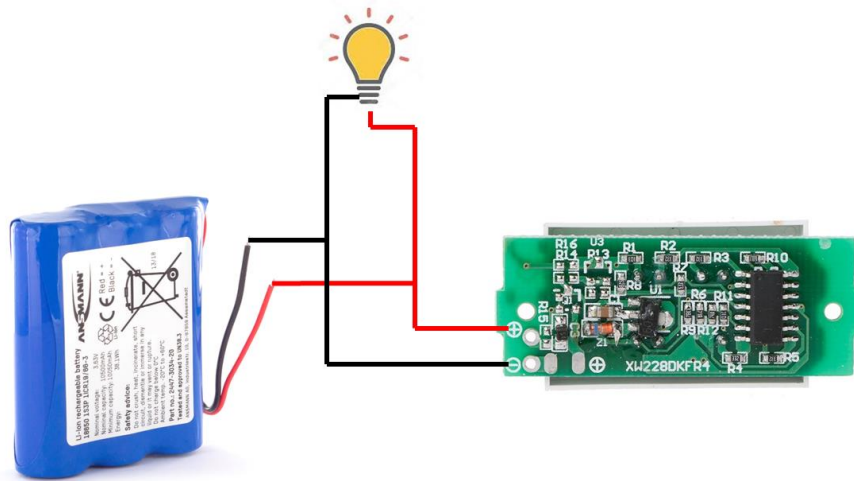


Shorting one of the jumper pad to select number of cells to be measured. Only one pad to be shorted at a time to measure from 1 to 8 cells as the table-1 below.

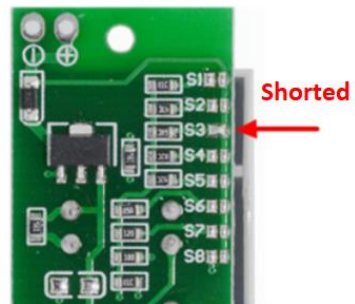
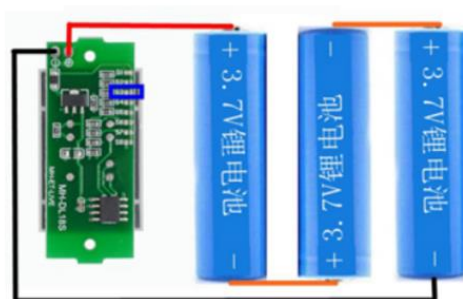
|           | <b>25%</b> | <b>50%</b> | <b>75%</b> | <b>100%</b> |
|-----------|------------|------------|------------|-------------|
| <b>1S</b> | 3.3V       | 3.5V       | 3.7V       | 3.9V        |
| <b>2S</b> | 6.6V       | 7.0V       | 7.4V       | 7.8V        |
| <b>3S</b> | 9.9V       | 10.5V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

**Table-1: 1~8 Cells measurement range**

## Connection Example:



1x Cell Jumper Setting



3x Cell Jumper Setting



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