

Introduction

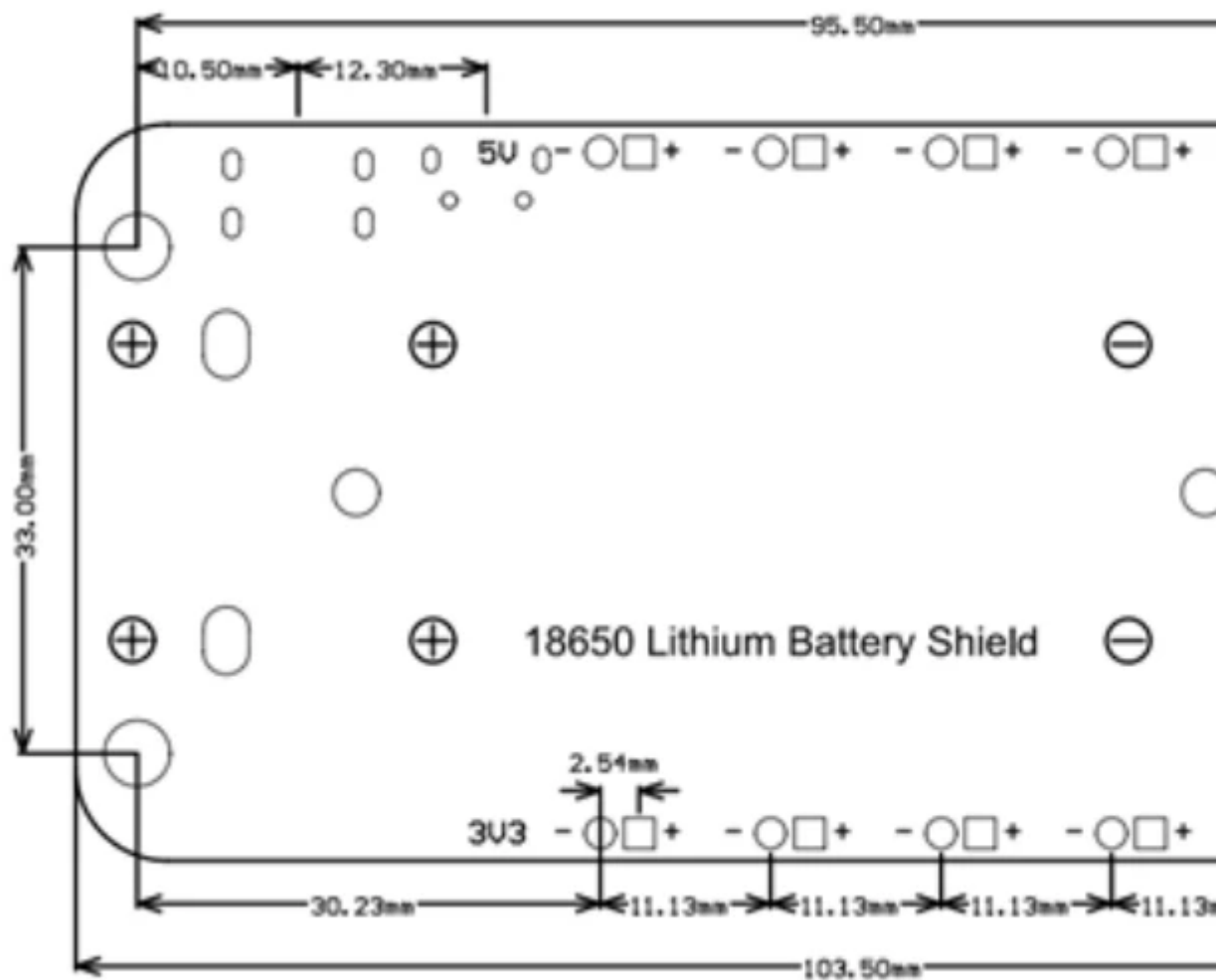
This 2-way 18650 battery holder is easy to use and can accommodate two 18650 batteries. It features two charging input ports, micro and type-c, and two output ports: USB interface output and port output. It supports 5V/2A and 3.3V/1A output, with five 5V output ports, five 3.3V output ports, and one USB output (5V). The module has overcharge and over-discharge protection to effectively prolong the lifespan of the 18650 batteries. The new version also includes battery reverse connection protection and an acrylic bottom board. The reverse connection protection prevents the module from being burnt due to battery reverse connection, and the acrylic bottom board prevents short circuit and damage caused by improper use or placement.

Combining with 18650 batteries, this module provides convenient power supply for micro-devices and can be used for outdoor devices or DIY as a mobile power source for smart cars.

| | LED1 | LED2 | |
|----------|----------|----------|---|
| 0%~25% | blinking | OFF | |
| 26%~50% | ON | blinking | |
| 51%~75% | ON | ON | b |
| 76%~100% | ON | ON | |



Board Overview



Size Diagram

Interface introduction

The module is controlled by buttons. Pressing the button lightly will turn it on. In the on state, pressing the button twice within 1 second will turn it off. The DIP switch can be used to switch between HOLD mode and NORMAL mode. In NORMAL mode, the module will automatically shut down if the output current is too low. In HOLD mode, it will continue to output until the over-discharge protection is triggered. LED1, LED2, LED3, and LED4 indicate the current battery level. They will flash when charging and stop flashing when the battery is fully charged.

LED light status indication

Discharging

| | LED1 | LED2 | |
|----------|------|------|--|
| 0%~25% | ON | OFF | |
| 26%~50% | ON | ON | |
| 51%~75% | ON | ON | |
| 76%~100% | ON | ON | |

Discharging

| | LED1 | LED2 | |
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| 76%~100% | ON | ON | |

Notes

The maximum current is 3A (3A is not recommended), and the output of the current depends on the quality of the 18650 battery.

Avoid using batteries from different brands and try to ensure that the voltage of the two batteries is similar.

Features

With overcharge and over-discharge protections

Applications

Power source for micro-devices, outdoor equipment, and DIY smart vehicles

Specification

Output current: 5V/2A, maximum support 3A; 3.3V/1A

Protection: with overcharge and over-discharge protection, Reverse connection protection

Input: Micro and Type-C input

Output: USB output*1, 3.3V output port*5, 5V output port*5

LED indicator (blinking means charging, stop blinking means fully charged)

Shipping List

2-Way 18650 Battery Box x1