

Battery Expansion Shield 18650 V3 Datenblatt



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1. Specifications

| | |
|------------------------|--|
| Charging Input Voltage | 5V |
| Charging Current | 500mA |
| Output Current | Up to 2A |
| 3V Output Connector | 3 |
| 5V Output Connector | 3 |
| Charging Connector | Micro USB |
| Operating Temperature | -20°C to 70°C |
| Dimensions | 105mm x 30mm x 20mm [4.1in x 1.2in x 0.7in] |

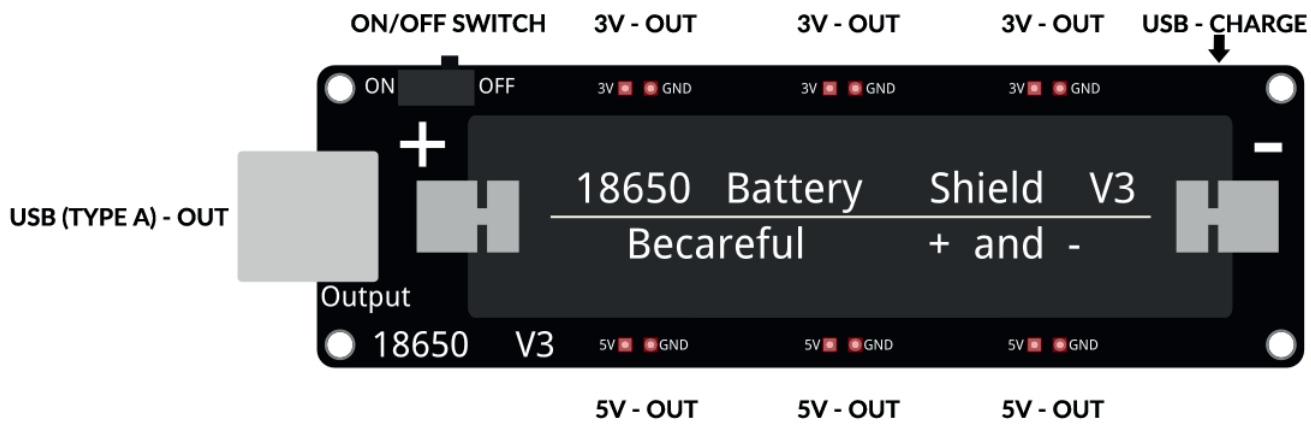
The module has an on-board two color LED. When battery is fully charged the LEDs light is green, and when LEDs light is red the module is in charging mode.

There is an on-board switch for controlling the USB output connector.

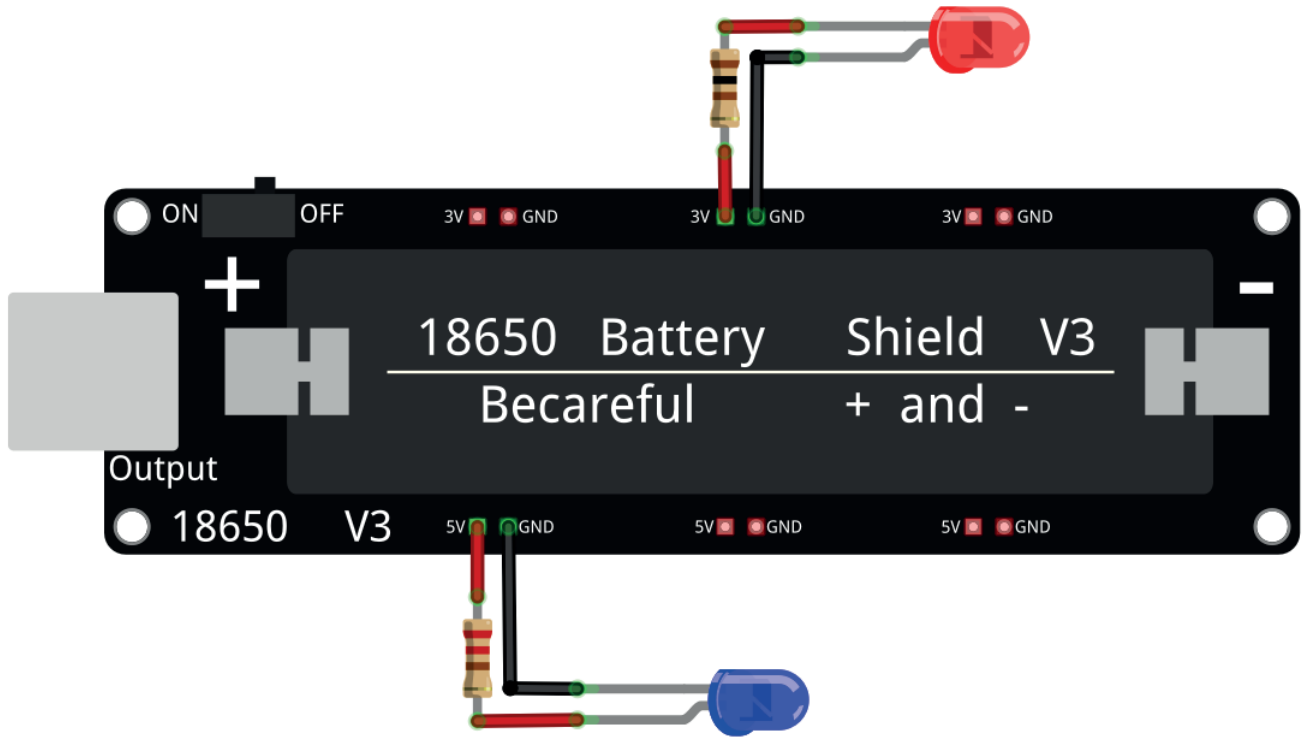
NOTE: The battery expansion module is shipped without a battery.

WARNING: Reversing polarity on any of output connectors or reversing polarity when inserting the battery will damage the module!

2. Pinout



3. Connection Diagram



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