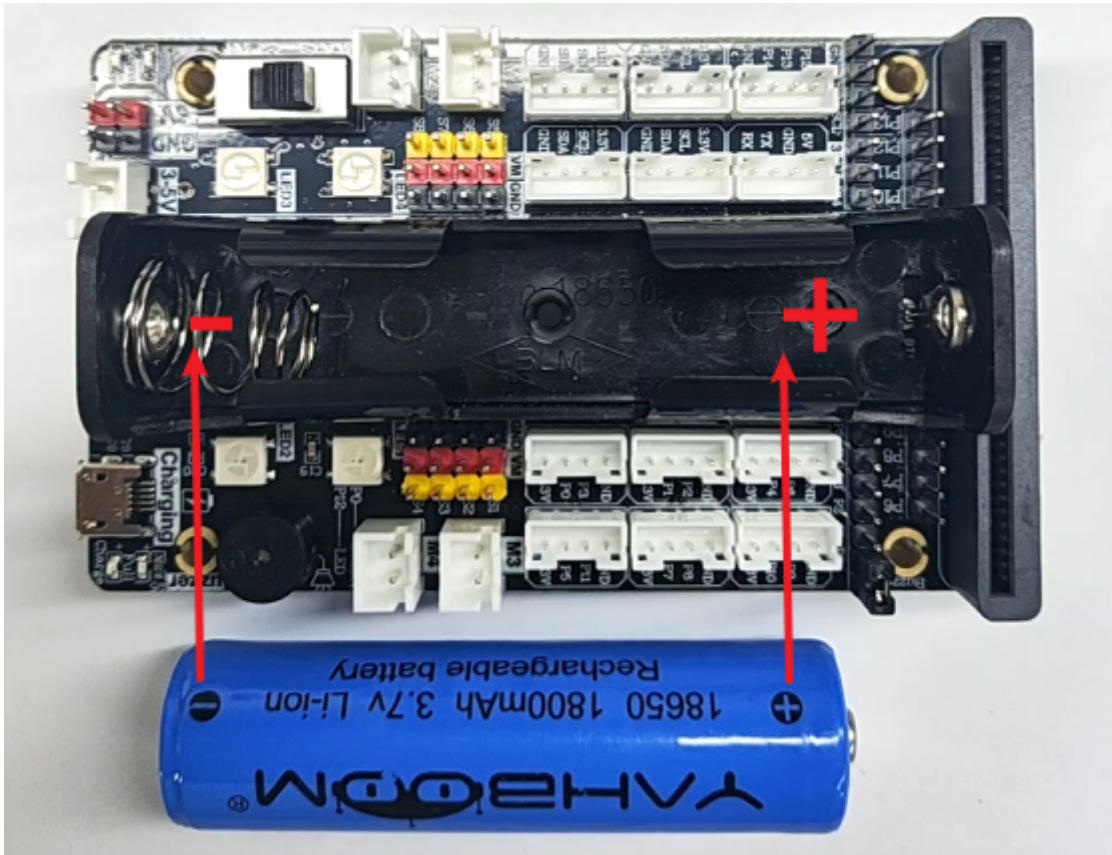# Notes on charging and battery use

Please make sure the battery is installed correctly, as shown in the figure below.

1. Do not use while charging.
2. The battery voltage needs to be charged in time when it is around 3.7V. The battery voltage is about 4.2V when fully charged.
3. If the battery is not used for a long time, the battery connection on the expansion board should be unplugged, because the battery will be damaged even in standby mode. The battery needs to be fully charged before it is not used for a long time.
4. When the battery is charging, the indicator light is red, and it will be blue or green when fully charged. After charging, the USB charging cable should be unplugged in time to avoid overcharging and damaging the battery.
5. The charging port is on the Super:bit expansion board, not on the micro:bit mainboard. It can only be charged when plugged into the base plate. It cannot be charged when plugged into the microbit mainboard.

充电中 **Charging**

充满 **Fully charged**