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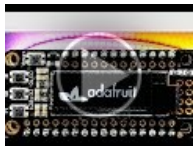## Lithium Ion Polymer Battery - 3.7v 350mAh

PRODUCT ID: 2750

IN STOCK

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1-9
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DESCRIPTION

TECHNICAL DETAILS

DESCRIPTION

Lithium ion polymer (also known as 'lipo' or 'lipoly') batteries are thin, light and powerful. The output ranges from 4.2V when completely charged to 3.7V. This battery has a capacity of

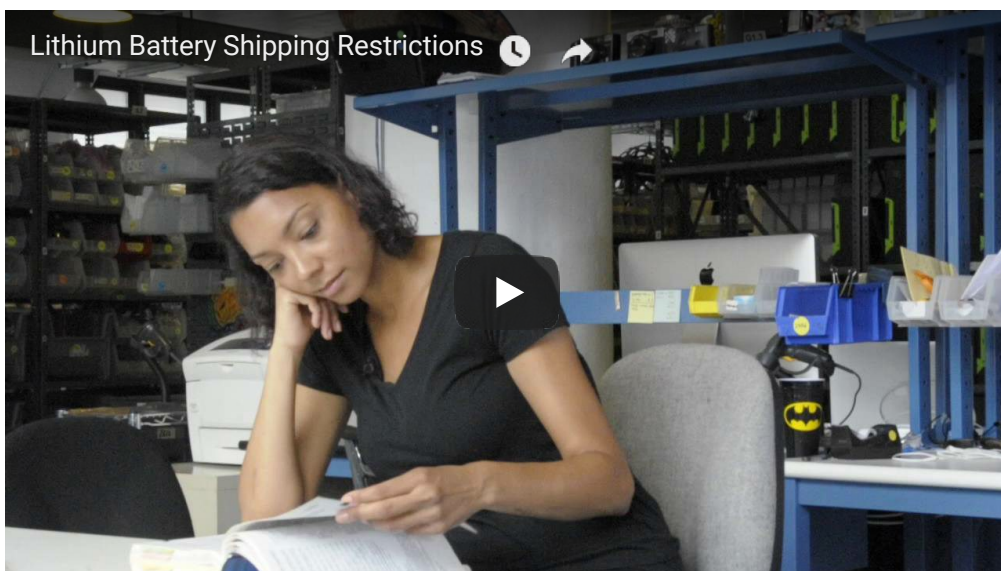a larger (or smaller!) battery, we have a full

[range of LiPoly batteries](#).

The batteries come pre-attached with a genuine 2-pin JST-PH connector as shown and include the necessary protection circuitry. Because they have a genuine JST connector, not a knock-off, the cable wont snag or get stuck in a matching JST jack, they click in and out smoothly.

The included protection circuitry keeps the battery voltage from going too high (over-charging) or low (over-use) which means that the battery will cut-out when completely dead at 3.0V. It will also protect against output shorts. However, even with this protection **it is very important that you only use** a LiIon/LiPoly constant-voltage/constant-current charger to recharge them **and at a rate of 350mA or less.** We suggest our Micro Lipo charger, which has a 100mA default rate.

Like most lipos, the batteries we sell do not have thermistors built in. This is why we suggest charging at 1 C or even less - 100 to 350mA is a good rate, and available from any USB port if using a USB-powered charger

Additional safety notes: Do not use a NiMH/NiCad/lead-acid charger! Also, do not abuse these batteries, do not short, bend, crush or puncture. **Never charge or use unattended. Always inspect batteries and surrounding circuitry constantly for any damage, loose wiring, or possibility of short circuits.** Polarity matches all Adafruit LiPoly/LiIon chargers and boards, other brands may have reverse polarity and can destroy your battery. As with all Lithium ion polymer batteries and with any power source - they should be used by experts who are comfortable working with power supplies
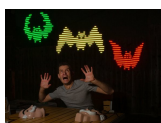

Lithium Battery Shipping Restrictions

TECHNICAL DETAILS

- Datasheet
- Weight: 7.9g
- Dimensions: 36mm x 20mm x 5.6mm / 1.4" x 0.8" x 0.22"
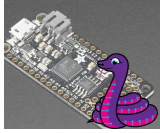- Power Lead Length: 100mm / 3.9"
- Output: 350mAh at 3.7V nominal

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HalloWing Light Paintstick
Create bitmapped light paintings with HalloWing or Circuit Playground Express!
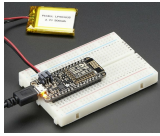

Adafruit Feather 32u4 Bluefruit LE
Bluetooth Low Energy on a board that's thin and light, just like a...

Adafruit Feather M0 Express - Designed for CircuitPython
Get running faster than ever with the first Adafruit Express board
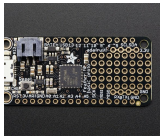
Adafruit Feather HUZZAH ESP8266
WiFi with built-in battery charging for IoT on-the-go!

Mystery Box: Shutterglass Chamber
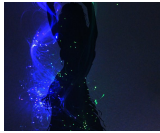Astound people with a mystery box that will reveal secrets hidden behind its transforming panels!

Adafruit Feather M0 Basic Proto
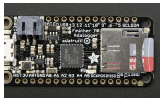Wanna play with the ARM Cortex M0 chipset?

LED Acrylic Sign
NeoPixel Edge Lit Acrylic

Fiber Optic Whip
Dance in a Cloud of Fiber Optic Lights

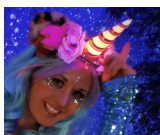### Adafruit Feather M0 Adalogger
Thin and light, just like a...

Animated LED Sand
Create interactive simulated grains of sand!

Bluefruit LE Feather Robot Rover
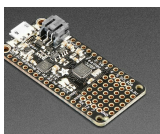Control this tiny 2-wheel drive robot with your phone!

Capacitive Touch Unicorn Horn
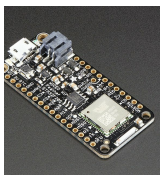Make a magic costume unicorn horn that lights up with your touch

Adafruit Feather M0 WiFi with ATWINC1500
ARM Cortex M0+ with fast & fun wireless built in

Adafruit Feather 328P
Classic ATmega328p tech with the new modern Feathers

Introducing the Adafruit WICED Feather WiFi
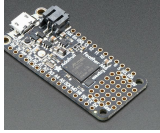Get your WiFi projects up and running quickly with the fast and flexible WICED Feather!

Cyber Flower: Digital Valentine
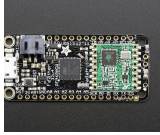Create a touch reactive flower that shows your love this valentines day.
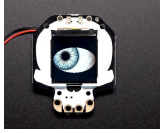
Animated Flame Pendant
Turn on your heart light!

Adafruit Feather M4 Express
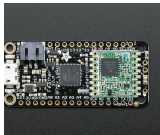This Feather is fast like a swift, smart like an owl, strong like a ox-bird

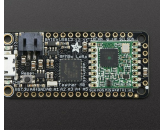### Adafruit Feather 32u4 Radio with RFM69HCW Module
Send your message far and wide

Adafruit Hallowing
This is Hallowing..this is Hallowing... Hallowing! Hallowing!

Adafruit Feather 32u4 with LoRa Radio Module
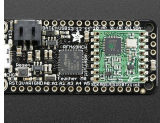Send your message really really far and wide

Adafruit Feather M0 Radio with LoRa Radio Module
Send your message really really far and wide

HalloWing Magic 9 Ball
Answer any question with a shake of the Magic 9 Ball!

Adafruit Feather M0 Radio with RFM69 Packet Radio
Take a fast and nimble Cortex M0+ processor and give it radio skillz

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Make your own image player badge with HalloWing and CircuitPython
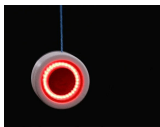
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Revive your dead phone!

Light of Your Life Wedding Bouquet
Beautiful flowers that glow more brightly when your love is near

Circuit Playground Yoyo
It Spins and Lights Up

Custom Bluetooth Cherry MX Gamepad
Make a custom wireless gamepad with Cherry MX Switches!

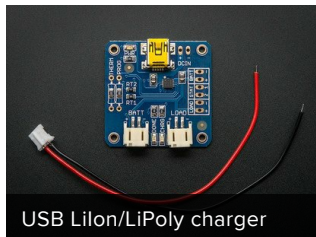## MAY WE ALSO SUGGEST...

Adafruit Micro Lipo - USB

Lithium Ion Polymer Battery
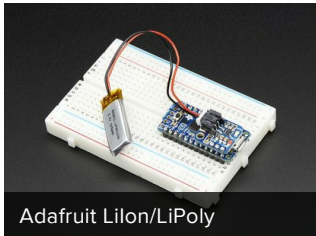
Lithium Ion Polymer Battery
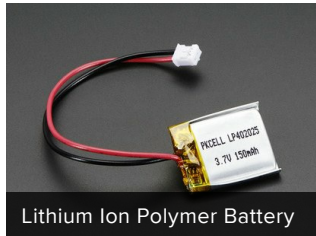
Adafruit Mini Lipo w/Mini-B

USB LiIon/LiPoly charger

Lithium Ion Polymer Battery

Adafruit LiIon/LiPoly

Lithium Ion Polymer Battery

Lithium Ion Battery - 3.7v

JST PH 2-Pin Cable – Male

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"The most exciting phrase to hear in science, the one that heralds new discoveries, is not 'Eureka!' but 'That's funny...'" - Isaac Asimov

4.9 ★★★★★
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