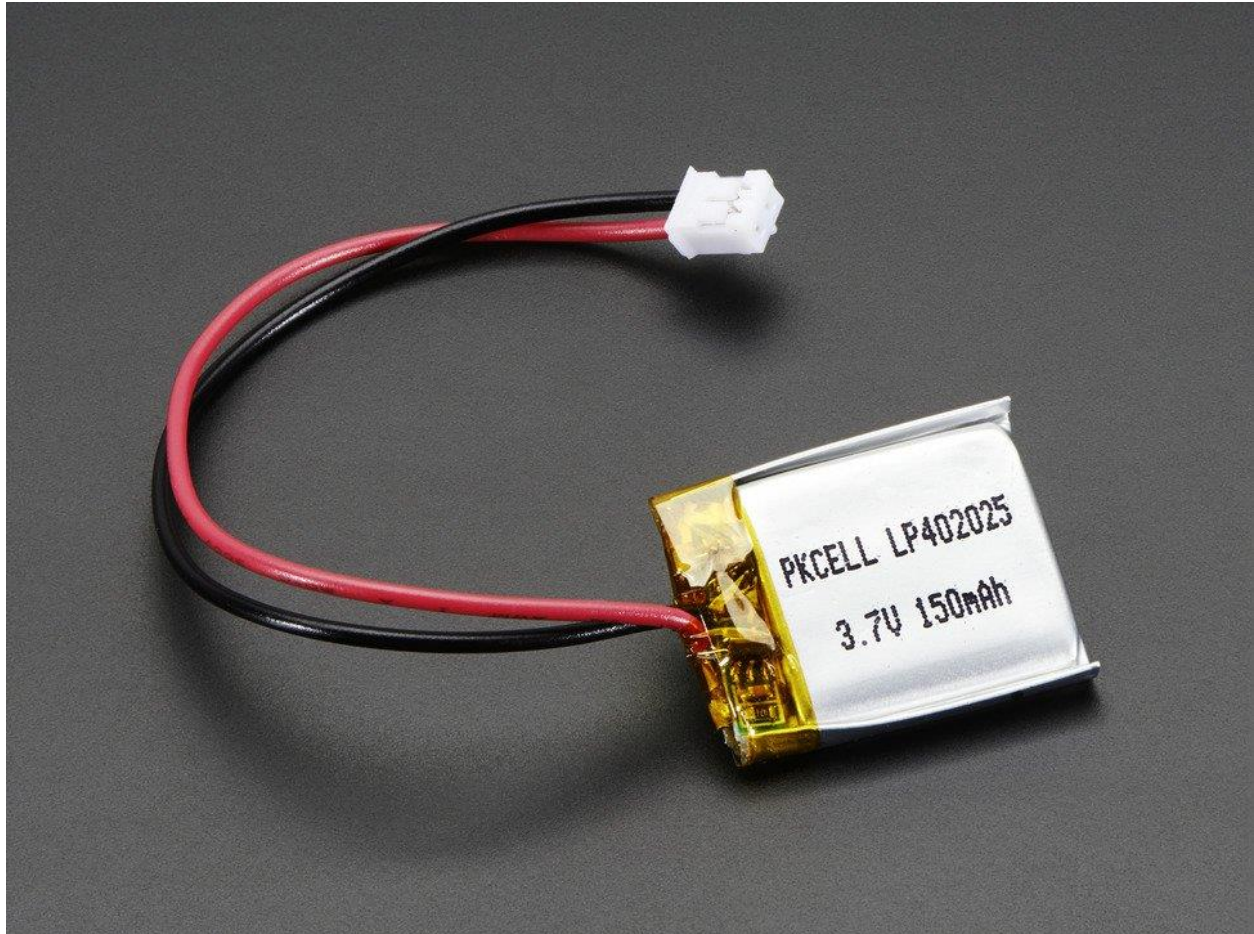


Lithium Ion Polymer Battery – 3.7v 150mAh

PRODUCT ID: 1317



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 150mAh for a total of about 0.6 Wh. If you need a larger battery, we have a full range of bigger cells

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 won't 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 Lilon/LiPoly constant-voltage/constant-current charger to recharge them and at a rate of 150mA 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 – 100mA 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.** 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

TECHNICAL DETAILS

Details:

- Weight: 4.65g
- Size: 19.75mm x 26.02mm x 3.8mm / 0.77" x 1.02" x 0.14"
- Power Lead Length: 127.5mm / 5"
- Output: 150mAh at 3.7V nominal

