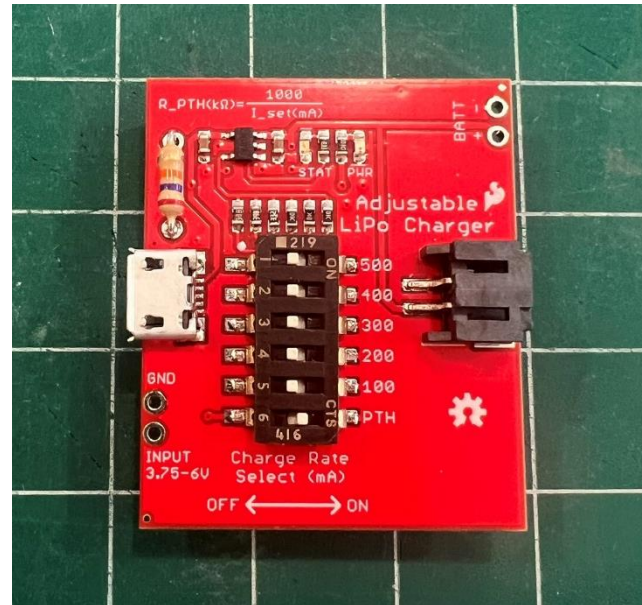


BATTERY CHARGER

The battery charger is manufactured by Sparkfun. For more information including schematics, see

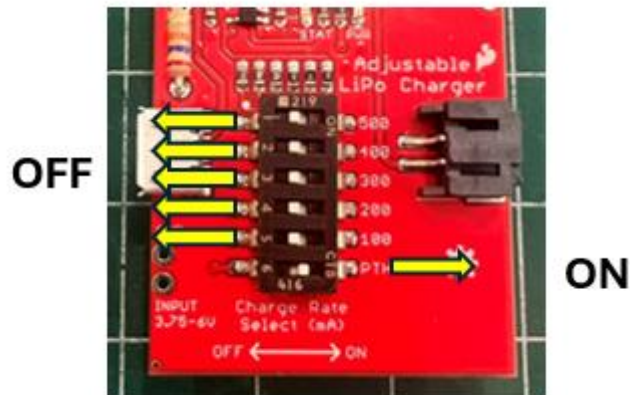
<https://www.sparkfun.com/sparkfun-adjustable-lipo-charger.html>.

The charger has been tailored for use by a 40 mAh battery used by the Zeta II altimeter. A 27K ohm resistor has been installed. This will provide the current suitable for charging a 40 mAh battery.



Be sure that the tiny switches in the charge selector block are set as follows.

- The upper five switches must be set to "off" (slid to the left)
- The "PTH" switch (bottom-most location) must be set to "on" (slid to the right)
- You will hear/feel a small “click” when the pin is properly set.



For charging a 40 mAh battery for Zeta:

- Verify the switch settings are correct (PTH = “on”, all others = “off”)
- Plug in a MicroUSB cable
- Plug in the battery

Warning: do not use this charger on a battery smaller than a 40 mAh battery. The charge current appropriate for a 40 mAh battery will likely damage/destroy a smaller battery such as a 20 mAh battery.

Note: you can ignore the very large battery clip on the bottom of the charger. That is for charging a 2450 coin cell.