Battery Charging

Charging Menu Controls

'-'

- Cycles through the charging options for the battery chemistry

'+'

- Should cycle in the opposite direction of '-', but there is a short between it and 'PORT' on this charger.

'PORT'

- Switch between ports, it will also change battery chemistry

'MODE'

- Cycles between the Charging menu, Data View, and Settings Data.
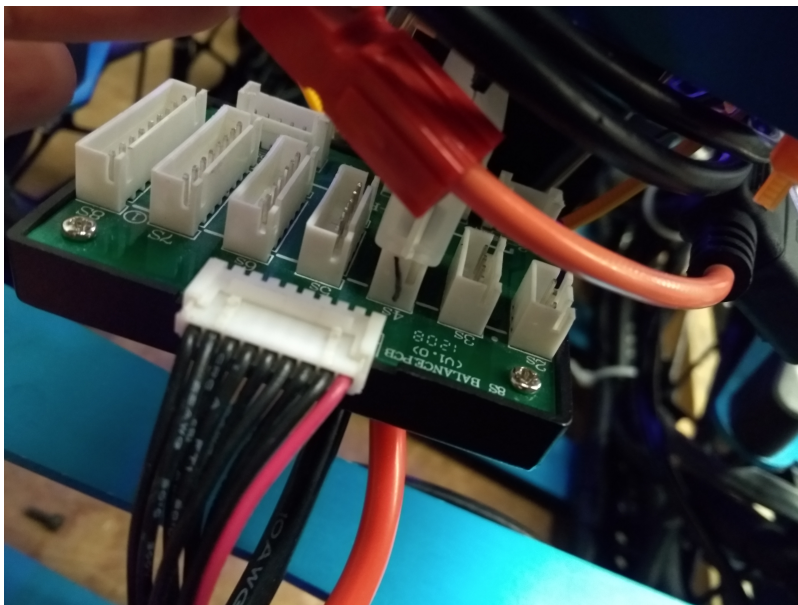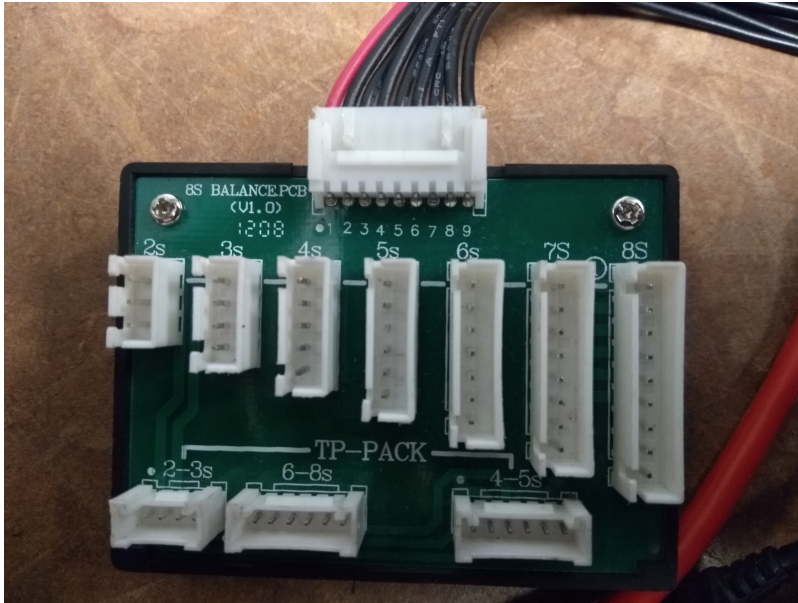- Inside these options, use '-' to cycle through all the options.

'ENTER'

- A long press (~1 second) starts the charging cycle.
- A short press cycles through the options on the screen, it lets you change the capacity it lets
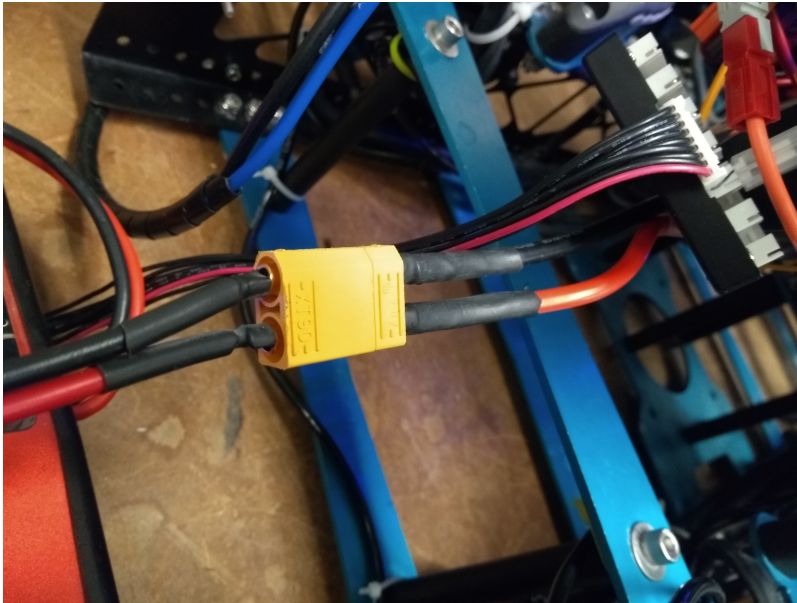
Charging Instructions

When charging the battery, make sure the settings match that of the battery. For the Tattu, it's a 16000 mAh, 4 Cell (4S), LiPo battery that charges at a maximum of 16 amps. We charge it at 8 amps, because it's easier on the battery and still charges the battery at a fast enough rate.

Plug the battery sensing cable into the appropriate slot (4S for 4 cell).

Plug the battery power connector to the charger.

Long press Enter to start charging the battery when the correct settings are set on the charging menu.

From:
https://robosub.eecs.wsu.edu/wiki/ - **Palouse RoboSub Technical Documentation**

Permanent link:
https://robosub.eecs.wsu.edu/wiki/ee/battery/start?rev=1518914945

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