

# Battery Charging

## Charging Menu Controls



'-'

- Cycles through the charging options for the battery chemistry

'+'

- Should cycle in the opposite direction of '-'

'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.

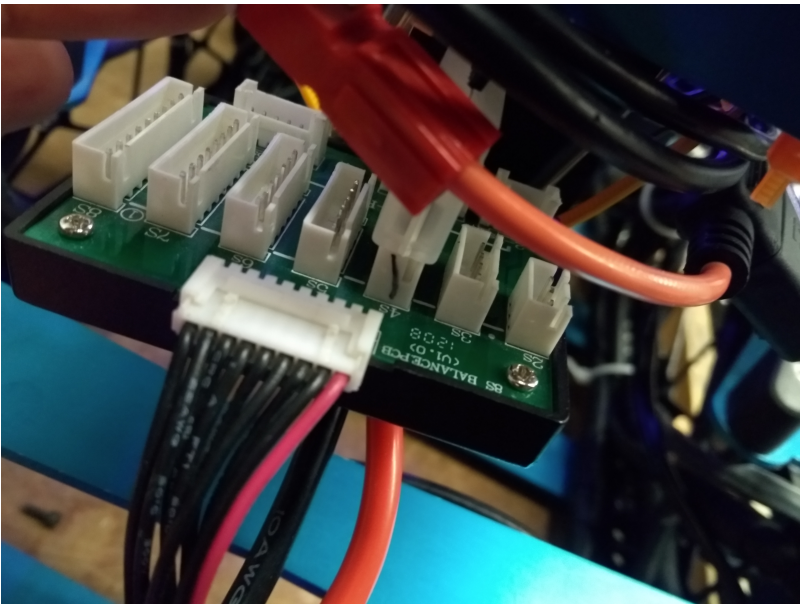
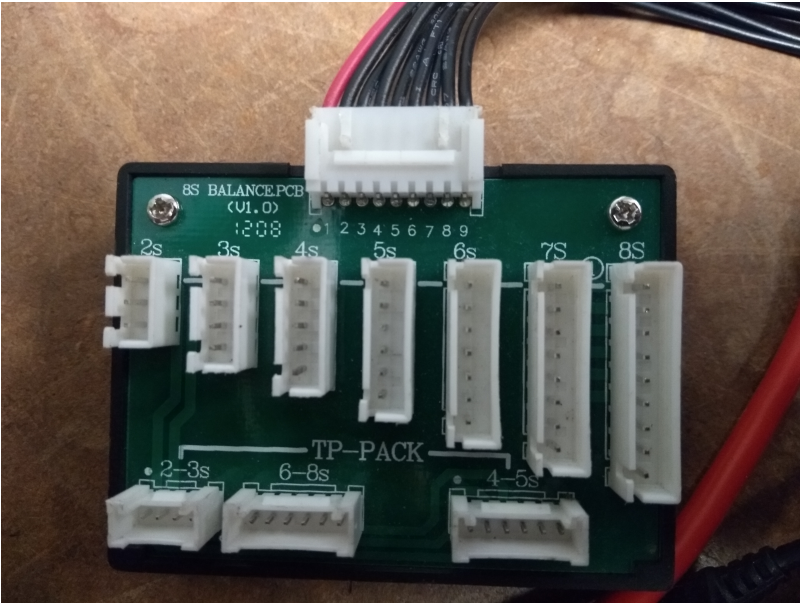
'ENTER'

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

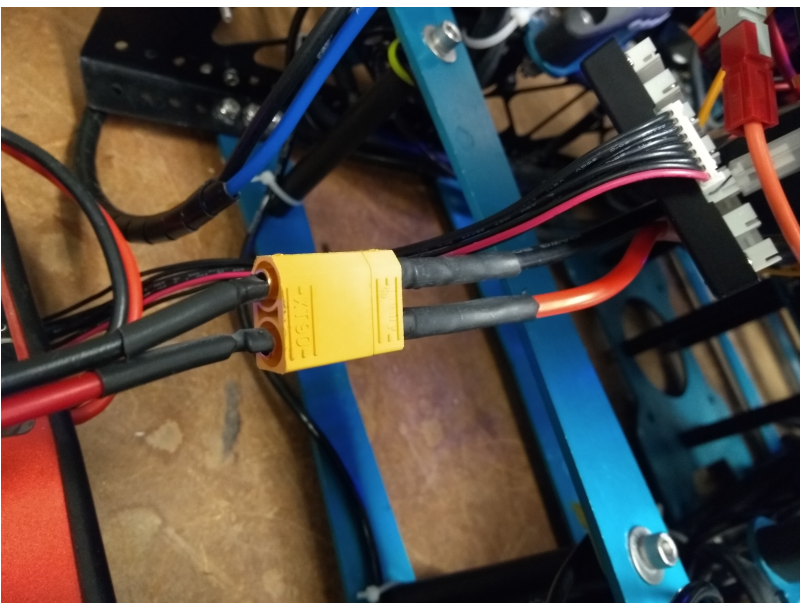
## Charging Instructions

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:

<http://robosub-old.eecs.wsu.edu/wiki/> - **Palouse RoboSub Technical Documentation**

Permanent link:

<http://robosub-old.eecs.wsu.edu/wiki/ee/battery/start>



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