

## TP-535 quick start guide

The '535 is a lithium polymer battery charger capable of up to 5 series cells and 3.5 amps of charging current. It incorporates very intelligent software algorithms which make it extremely safe to use even for the beginner. It's small package size and low weight make it ideal for use practically anywhere, especially for those who fly with smaller battery packs, such as park fliers. However, it's higher capacity also makes it very useful for larger sized packs, such as those used in mid sized models.

The '535 is capable of operating as both a stand alone unit or in concert with one of Thunder Power RC's balancers (205 or 210V) for the ultimate in charging safety. For proper, full power operation, it is imperative that a power supply capable of at least 5 amps be used. An automotive battery is ideal.

To use the unit all one needs to do is the following:

- 1) Using the included power cable, plug one end into the charger and clip the alligator clips onto a power source, red to positive (+) and black to negative (-).
- 2) Plug in the proper battery cable (one that has connectors to match the battery you wish to charge).
- 3) Set the cell count (using the white button) to match the number of cells in your battery. Note that the unit has auto cell counting abilities for cell counts of 4 cells or less, it will simply change itself to the correct count if set improperly. However, if you either set the unit for 5 cells and try to charge a battery with fewer than 5 cells, or try to charge a 5 cell battery with the unit set for less than 5 cells, it will alert you by flashing LED's and beeping rapidly.
- 4) Set the charge current (using the red button) to match the capacity of your battery.
- 5) Plug in your battery using an appropriate cable.
- 6) Push the black start/stop button.
- 7) When the green "FULL" LED is lit and an audible "chirping" is heard, the battery is charged.
- 8) If at any time an audible beeping accompanied by rapid flashing of both the yellow "charge" and green "full" LED's is experienced, press the black start/stop button and look for problems. These problems are likely something like reversed input or output polarities or input voltage levels being too low (power supply cannot source enough current). The unit is safe against reversed polarities but it cannot do it's job if connected backwards.