

How to charge Thunder Power Li-Polymer batteries.

1) Measure battery voltage before charging.

Voltage before charging	Status
2SxP 6V or higher	Good condition
3SxP 9V or higher	Good condition
4SxP 12V or higher	Good condition

2) Select number of cells or appropriate voltage.

2SxP = 2 cells or select 7.4V
3SxP = 3 cells or select 11.1V
4SxP = 4 cells or select 14.8V

3) Select charge current.

If not listed, limit charge current to 1C!!!

Capacity	Charge current
730mAh	700-750mAh
880mAh	700-900mAh
1200mAh	1000-1300mAh
1300mAh	1000-1300mAh
1950mAh	1500-2000mAh
2050mAh	1500-2000mAh
2600mAh	2000-2600mAh
6000mAh	2000-6000mAh
7800mAh	2000-8000mAh
8200mAh	2000-8000mAh

4) Check your charger for safety.

a) After charging, check the battery with Voltmeter, the voltage should be:

Cell count:	Fully charge voltage:
2 cells pack	8.32-8.45V
3 cells pack	12.48-12.68V
4 cells pack	16.64-16.90V

b) For Triton charger reset timer to 5 hours.

c) Do not use Orbit charger with 6.1 firmware (selecting wrong cell count can cause fire)

4) Let the battery cool down to ambient temperature before charging.

5) Charging batteries in series.

- a) Battery packs must have the same level of discharge (within 0.1V for 3S4P and 4S4P)
- b) Battery pack must be fully charged before use.

6) Storage.

- a) Never store your battery inside of your car in extreme temperatures.
- b) Do not expose battery pack to direct sunlight for extended period.
- c) Do not discharge below 3V per cell.