

Safety instructions.

1) Use Li-polymer charger ONLY, do not use NiMH or NiCD charges.

2) If you need to adjust the length of wires, cut them separately.

3) To put a connector on battery leads.

Remove insulating tape of the RED wire and solder it to the positive terminal of a connector first, than remove the insulating tape of a black wire and solder it to the negative terminal of the connector.

Carefully, do not short the wire leads. Shorting can cause fire, if you short the wires by an accident, you **MUST** place the battery on the nonflammable surface best outside of your house for observation for 15-20 minutes. (Battery can ignite even after 10 minutes)

4) Charging:

Do not charge battery packs in series.

You must select the voltage or cell count printed on the battery label.

Example:

Charge as 2 Cell (7.4V) or may cause fire. **You must select 2 Cells for charging.**

Charge as 3 Cell (11.1V) or may cause fire. **You must select 3 Cells for charging.**

Selecting wrong cell count can cause fire.

You must select current not exceeding 1C, higher setting can cause fire.

Example

860mAh: Charge battery at 860mAh or lower setting.

1320mAh: Charge battery at 1320mAh or lower setting.

2100mAh: Charge battery at 2100mAh or lower setting.

8200mAh: Charge battery at 8200mAh or lower setting.

DO NOT CHARGE BATTERY UNATTENDED!!!

5) Storage and transportation.

Store battery at room temperature.

Do not temporarily store in vehicle, temperature inside of the vehicle may exceed 150 deg. Storing batteries at 170 deg. F for extended period of time may cause battery damage and possible fire.

FAILER TO FOLLOW THIS INSTRUCTIONS CAN CAUSE FIRE, PERSONAL INJURY AND DAMAGE OF THE PROPERTY.

6) Taking care of your battery.

- a) Charge battery with high quality charger.
- b) Set voltage and charging current correctly.
- c) Check the voltage after the first charge.
 - 1cell: 4.2V (4.15 to 4.22)
 - 2cell: 8.4V (8.32 to 8.44)
 - 3cell: 12.6V (12.48 to 12.66)
 - 4cell: 16.8V (16.64 to 16.88)
 - 5cell: 18.5V (18.30 to 18.60)
- d) Let the battery cool down to ambient temperature before charging.
- e) Do not discharge battery below 3V per cell. (2.5V under load).
- f) Do not puncture or mechanically damage the cells.

IN CASE OF CRASH, PLACE THE BATTERY TO SAFE OPEN SPACE AND OBSERVE AT LEAST FOR 15-20 MINUTES!!!

7) Operating temperature.

Charge: 32-113 deg F

Discharge: 32 to 140 deg F

8) Battery life cycle:

Battery that loses 20% of the capacity must be removed from service and properly disposed.

9) First battery use:

Keep the flight time around 6 minutes with 15 minutes break between the flights.