

- Never charge a lithium polymer battery with a charger designed for NiCd, NiMH, or any other type of battery chemistry. Use ONLY chargers designed for LiPo batteries.
- Always inspect the condition of the battery before charging and operating.
- Do not charge batteries right after use. Give the battery 30 minutes to rest and cool down before charging.
- Always remove the LiPo battery from model, if it is involved in crash. Carefully inspect the battery and connectors for even the smallest amount of damage. CAUTION: cells may be hot. It is advised to allow the battery to rest for 15 minutes before handling. Discard damaged batteries with bent or kinked shape.
- Do not charge LiPo cells on or near combustible materials including: paper, plastics, carpets, vinyl, leather, wood, or inside an R/C model, full size automobile etc.
- Always place the battery on a heat resistant surface when charging.
- Always put the LiPo battery inside a charging protection container while charging.
- Do not leave LiPo batteries unattended during charging.
- Do not overcharge the battery.
- Do not charge the battery out of recommended temperature range (32° F-113°F or 0°C-45°C).
- Do not allow the LiPo cells to overheat at any time.
- Always store LiPo battery in a secure location away from children.
- Do not store battery near open flame or heater.
- Do not store batteries in hot cars, they may expand or even explode. Burns can occur. Cells reaching 140° Fahrenheit (60C) become damaged and become high risk for catching fire.
- Do not discharge LiPo, doing so will damage the battery.
- Do not expose LiPo cell to water or moisture at any time.
- Do not assemble LiPo cells or pre-assembles packs together with other LiPo cells or packs.
- Avoid direct contact with a leaky/damaged battery.
- Do not allow the electrolyte to get into the eyes or on the skin. Wash affected areas immediately!
- When clipping off connectors from a battery, clip one at a time, or you may short out the battery.
- Do not alter or modify connectors or wires of a LiPo battery pack..
- Do not try to open batteries to re-solder broken wires.
- Do not short circuit the LiPo battery. Even a short touch of both poles when soldering is enough to ruin a battery. Always solder one pole at a time and keep the other insulated.
- Secure batteries with velcro or rubber bands in the airplane on a flat tray. Do not mix batteries when adding additional packs.
- A fully charged battery put in storage can become unbalanced when Lipos are not used for an extended period of time (a month or longer). To increase the life of the battery, do a storage charge. This will reduce the output voltage to about 3.8V per cell. Batteries then can be stored for an extended period of time.
- When a battery gets "puffy" to the touch it started gassing and has lost performance. It is best to discard the battery.
- Lithium Polymer batteries are safe to dispose because they do not contain any harmful components or chemicals. Discharge in a bucket of water with one spoon of salt. The battery will slowly discharge in a day or two. Then it is safe to throw away.



Failure to handle with recommended care may result in severe damage. For additional information, see the AMA LiPo Battery Warnings at www.AMA.org

We know how annoying it can be to receive a battery that does not meet expectations. Therefore, we check the voltage and balance of each battery before shipping. In addition, we purchase from the same manufacturers as the big name brands without passing on the costs of heavy advertising. This allows us to extend fair prices onto you.

Tech Notes:

Battery Voltage Reference
Must check battery for actual
specification!

**Do Not Drill , Puncture or
Abuse Lipos.
Use With Extreme Caution!**

Lipo Battery charge Rates:

15C (charge at 1C)
20C (charge up to 1-2C)
25C (charge up to 2C)
30-40C (charge up to 3C)
LIFE (charge 3C)

C=capacity of the battery, for example, a 2100 mAh (C=2.1). Lip 40C can be fast charged with up to 6 amps, taking only 20 minutes. Do not forget to balance charge your hard working battery every now and then at lower rates. The