

Important safety information and charging instructions for Generation 3 Fast Charge Batteries

Read all safety instructions before charging or using your batteries for the first time.

Lithium Polymer batteries require completely different charging and care than NiCd and NiMH batteries. Misuse can result in fire, personal injury and/or damage to property.

By handling, charging or using the included Lithium Polymer battery you are assuming all liability and risks associated with Lithium Polymer batteries. If you are not prepared to accept complete liability for the purchase and/or use of this product, you are advised to return it in new and unused condition to Great Hobbies Immediately.

General guidelines and warnings:

- 1 Use a Lithium Polymer specific balancing type charger only! Do not use a NiCd or NiMH charger.
- 2 DO NOT charge unattended
- 3 DO NOT allow children to use or charge Lithium Polymer batteries without adult supervision
- 4 Immediately disconnect the battery from the charger if the battery becomes hot or cells swell or inflate during charging.
- 5 Avoid short circuits. A short circuit can cause a rapid discharge at high current rates. Be aware of potential short circuits on jewelry such as rings and watches.
- 6 Any Lithium Polymer battery involved in a crash (even without visible damage) should be removed and observed in a fire-proof space for 45 minutes before continuing to use or recharging. If the battery has visible damage discontinue use.
- 7 If changing the battery connector, rewire the leads one at a time. Do not cut both leads at the same time, the cutting tool will short out the battery.
- 8 Do NOT store Lithium Polymer batteries where the temperature will exceed 26°C
- 9 Do NOT expose battery packs to direct sunlight for extended periods
- 10 Do NOT transport lithium polymer batteries at temperatures above 65°C eg. Inside a car on a hot day.
- 11 Break in Lithium Polymer batteries benefit from a break in process of about 3 cycles of being charged at 1C and discharged at 5-10C to about 3/4 of their capacity.
- 12 NEVER discharge a lithium polymer battery below 3.0V per cell.
- 13 Storage It is not advisable to leave lithium polymer batteries in the charged or discharged state for extended periods of time. Instead, charge the battery to 3.8V to 3.9V per cell and store in a cool dry place between 5°C & 20°C
- 14 ALWAYS recycle lithium polymer batteries at an approved battery recycling center that accepts this type.

Charging process:

Before Charging: Visually inspect the battery pack for damaged wire leads, connectors, cracked heat shrink covering, swelling or other abnormalities. If the battery pack shows any signs of damage or any individual cell voltage is below 3.0V, Do NOT charge.

- 1 Do not charge Li-Po batteries unattended
- 2 Always charge Li-Po battery inside a fire-proof container or Li-Po bag
- 3 Charge away from flammable materials and moisture
- 4 Allow battery to cool to ambient temperature before charging
- 5 Be sure to set your charger to the proper cell count (voltage) and charge rate (amperage)
- 6 Do not exceed 3-5C charge rate. (Example, charge a 2200mAh pack at 6.6A to 11A) Best

practice is to use 1-3C charge rates for everyday charging and up to 5C charge rates periodically.

Warranty:

Our Lithium Polymer batteries utilize the latest nano technology and manufacturing processes to deliver a high quality, reliable battery for use in radio control models. Many factors affect the performance and life expectancy of Lithium Polymer batteries. Proper charging, storage and break-in are key factors in getting the optimum performance out of your battery. Proper use and care of Team Great Hobbies lithium polymer batteries and are the sole responsibility of the user.

It is for these reasons that we will warranty Team Great Hobbies lithium batteries for a period of 90 days from the date of sale regardless of when the batteries were put into service. We will evaluate any warranty claim for merit based on the physical condition of the battery and circumstance of use. Warranty does not cover damage due to abuse, tampering, misuse, discharging beyond 3.0V per cell or amperes exceeding the maximum discharge rate. In no case shall the amount of warranty claim exceed the original purchase price of the product.