



Maclan Racing Li Po Race Formula Graphene Battery Packs User Manual

Attention: You must read this user manual and understand it before starting to use this product! Improper charging and discharging may cause explosion or fire.

Charging & Discharging

- **DO NOT** charge the battery on a wooden workbench or on any flammable material.
- **DO NOT** leave the battery in your model when charging.
- **DO NOT** charge the battery inside a motor vehicle, or in a vehicle's engine compartment.
- **DO NOT** leave unattended when charging.
- **NEVER** allow the battery voltage to drop below 3.0V per cell.
- **ALWAYS** charge the battery with a Li-Po charging bag .
- **ALWAYS** balance charge the battery at or below the specified charging rate.
- **ALWAYS** discharge the battery to its 30% of capacity in storage.
- **Only** charge Li-Po batteries with a charger designed specifically for charging Li-Poly batteries. Using other types of chargers may cause explosion or fire.
- Maclan Racing ships the batteries with a 30% charge. The initial charging time of the battery will be shorter when compared to a fully discharged battery pack.
- Li-Po batteries do not have a memory effect like NiMH and NiCD batteries. You do not need to fully discharge the battery completely before you recharge it

Care & Handling

- **NEVER** short the Li-Po battery connectors! Handle all Li-Po batteries with care. Li-Po batteries can deliver extremely high currents if shorted and subsequently can cause fire or injury
- Always store Li-Poly batteries in a secure fireproof location where children cannot reach them.
- Store your batteries in a cool, dry place. Do not leave your battery exposed to direct sunlight or temperatures below 32 degrees Fahrenheit (0 degrees Celsius), or above 122 degrees Fahrenheit (50 degrees Celsius).
- Li-Po batteries are best stored at 50% charge.
- **DISPOSAL NOTE:** The Lithium-ion batteries do not contain toxic metal elements. Rather, they contain recyclable materials and are recommended to be disposed under recycling program. Dispose in accordance with applicable regulations which vary from country to country. Batteries should be completely discharged and/or the terminals taped or capped to prevent short-circuit. When completely discharged, it is not considered hazardous. Disposal of large quantities of Lithium-ion polymer batteries or cells may be subject to the local regulations concerned.

Disclaimer & Warranty

All Maclan Racing batteries are covered by manufacturer warranty against defects in materials and workmanship for 90 days after original purchase date. Warranty will not cover batteries that have been modified, disassembled, or otherwise misused according to the item's instructions. Maclan Racing is not responsible for bodily injury and/or property damage that may occur from the use of, or caused by, this battery.