

# **CAUTION – READ THESE INSTRUCTIONS PRIOR TO USING THIS PRODUCT**

## **IMPORTANT SAFETY INSTRUCTIONS AND WARNINGS FOR LIPO BATTERIES**

### **GENERAL BATTERY INFORMATION**

- Only use a specific Valken LiPo Balancing charger (“LiPo Balancing charger”) with your Valken LiPo batteries (“LiPo batteries”). Failure to do so may result in fire, personal injury and property damage.
- Never leave LiPo batteries unattended while charging. Always check your battery regularly while charging.
- Any time you observe a LiPo battery showing signs of swelling, immediately discontinue use. Disconnect the LiPo battery and do not use until inspected by a qualified dealer. Using or charging a LiPo battery showing signs of swelling may result in fire, personal injury and property damage.
- Battery short circuits can cause fire! If you accidentally short circuit or damage the wiring of your battery immediately disconnect the battery and do not use.
- In the event of impact, crushing or other damage to your LiPo battery, disconnect and do not use.
- Any service or modification of a LiPo battery must only be done by qualified dealer.
- Never leave your LiPo battery in a closed vehicle. Temperatures inside a closed vehicle can exceed 140 degrees. This could result in damage to the LiPo battery and result in fire, property damage or personal injury.
- Ideal operating temperatures for your LiPo battery for charging is 32 to 113 degrees F and for discharging 32 to 140 degrees F.
- Never immerse your LiPo battery or expose it to any liquids.
- Always keep LiPo batteries out of the reach of children.

### **BATTERY CHARGING INFORMATION**

- Before charging your LiPo battery complete a visual inspection. Look for signs of any damaged wires, connectors, impact, crushing or other damage, punctured, broken or ruptured battery covering, swelling of cells, or other irregularities. Do not use any LiPo battery if you find any of these issues. Take the LiPo battery to a qualified dealer for service or replacement
- Always use a fireproof battery charging sack or fireproof container to hold your LiPo battery while charging.
- Follow all charging instructions provided with your LiPo Balancing Charger and do not overcharge. Failure to do so may result in fire, property damage and personal injury.
- Always charge LiPo batteries in a safe area, on a non-flammable stable surface, away from other flammable materials. Take precautions to ensure that the LiPo battery and charger are not dislodged and fall while in use as this can result in fire, personal injury and property damage.
- There are two sets of lead wires on your LiPo battery. Only use the shorter balancing lead with the JST (BEC) connector for all charging.
- Never charge LiPo batteries unattended. Always check your battery regularly while charging.
- Let your LiPo battery cool down to room temperature before and after charging.

### **CARING FOR YOUR BATTERY**

- Only charge your Valken LiPo battery with a Valken LiPo Balancing charger.
- Always store LiPo batteries at room temperature between 40- and 80-degrees F for longest life. During discharge, handling and use of LiPo batteries, do not exceed 160 degrees F.
- LiPo batteries should be transported with care. Ensure your battery is stored in a manner to prevent any accidental impact, puncture or other types of damage. Damage to your battery may cause fire, personal injury and property damage.
- Do not expose LiPo batteries to direct sunlight (heat) for extended periods.
- When transporting or temporarily storing in a vehicle, the temperature range should be higher than 20 degrees F but no more than 160 degrees F.
- Storing LiPo batteries at temperatures higher than 160 degrees F for extended periods (more than 2 hours) may cause damage to the LiPo battery and increase the risk of fire.
- Never discharge a LiPo battery below 80% of its RATED VOLTAGE. This can cause damage to the battery.
- Always check local regulations before disposing of any batteries.

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