

Heli-Max™ AXE™ CP-L 3S LiPo Battery & Charger

SPECIAL FEATURES

- A very economical, portable and simple way to balance charge LiPo batteries
- Specifically designed for 3-cell lithium-polymer batteries only
- “Constant current / constant voltage” charge method
- Automatically starts charge when the battery is connected to the charger
- 800mA maximum charge current requires no adjustment
- Bi-color LED indicates charging status

INCLUDED

(1) GPMP0401 ElectrIFly™ 3-cell 950mAh 11.1V LiPo Battery

Charger & Power Supply



(1) GPMM3315 ElectrIFly 3-cell 11.1V LiPo Balance Charger
(1) AC Wall Adapter
(1) 12V Car Adapter

CHARGER SPECIFICATIONS

Input voltage: 12V DC
Battery types, # cells: 3 lithium-polymer cells connected in Series (11.1V LiPo)
Charge current: 800mAh maximum
Charge termination: Voltage detection
Minimum battery capacity: 800mAh
Status indicator: one bi-color LED
Input connectors: polarized DC power jack for DC input

Output connectors: one balance plug
Case size: 2.0 x 1.14 x 2.74in
[51 x 29 x 70mm]
Weight: 2.7oz. [77g]

BATTERY SPECIFICATIONS



(1) GPMP0401 ElectrIFly 3-cell 950mAh 11.1V LiPo Battery

Capacity: 950mAh
Number of Cells in Series: 3
Rated Voltage: 11.1V
Max. Charge Voltage: 12.6V
Min. Discharge Voltage: 7.5V
Maximum Recommended Charge Current: 950mA
Continuous Discharge Current: 14.25A (15C)
Pack Dimensions: 2.6 x 1.5 x 0.9in
[66 x 37 x 22mm]
Weight: 2.9oz [83g]

IMPORTANT PRECAUTIONS

WARNING!! Read the entire instruction sheet included with this battery and charger. Failure to follow all instructions could cause permanent damage to the battery, charger or its surroundings, and cause bodily harm!

- Only use a LiPo approved charger. NEVER use a NiCd / NiMH peak charger!
- Do not attempt to use this charger with NiCd or NiMH battery packs.
- Never charge in excess of 4.20V per cell.
- Only charge through the “charge” lead. Never charge through the “discharge” lead.
- Use only approved power input accessories- either the included 12 V car adapter or the included AC adapter.
- If the battery should become damaged, discard the battery. Do not attempt to use a damaged battery.
- Do not leave the charger unattended while charging. Disconnect the battery and remove input power from the charger immediately if either becomes hot! However, It is normal for the charger to get warm.
- Disconnect the battery from the charger and carefully move the battery to a fireproof location if the battery begins to swell or smoke!

- Never charge at currents greater than 1C.
- Always charge in a fireproof location.
- Never trickle charge.
- Never allow the battery temperature to exceed 150° F [65° C].
- Never disassemble or modify pack wiring in any way or puncture cells.
- Never discharge below 2.5V per cell.
- Do not allow water, moisture or foreign objects into the charger.
- Do not block the air intake holes, which could cause the charger to overheat.
- Do not place the charger or any battery on a flammable surface or near a combustible material while in use.
- Do not charge on a carpet, cluttered workbench, paper, plastic, vinyl, leather, wood, and inside an R/C model.
- Never charge inside a full sized vehicle
- Always disconnect the battery from the charger and the power supply from the charger when not in use.
- Do not attempt to charge a battery if it is swollen or hot.
- ALWAYS KEEP OUT OF REACH OF CHILDREN.

INTRODUCTION

The Heli-Max AXE CP-L now includes a Lithium-Polymer (LiPo) flight pack and a balancing charger. The LiPo battery pack will provide 35% to 60% more flight time than the previously used NiMH battery pack. Please use this instruction addendum for charging procedures and precautionary warnings.

Extensive testing has been performed using the AXE CP with the supplied 950mAh 11.1V LiPo battery. Due to the extended flight time provided by the LiPo Battery, please allow the AXE CP to rest and cool down for 15 minutes between flights. If you do not allow the AXE CP time to cool down, you may cause damage to the battery, electronics or electric motors.

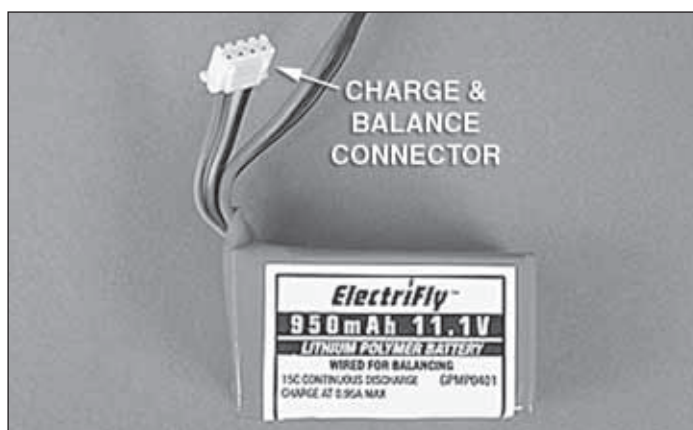
If you notice the model is loosing power during flight, please bring the model back into a low hover and prepare for landing. To main the best performance and lifespan of the LiPo battery, please keep your flight time to 9 minutes or less.

IMPORTANT!! Always remove the LiPo battery pack from the helicopter and charge the battery in a location that is fireproof. Never leave the battery unattended while being charged! If the battery becomes hot, starts to smoke or begins to swell immediately disconnect the battery from the charger and carefully move the battery to a fireproof location! Use only approved power input accessories – either the included 12V car adapter or AC wall adapter (also available separately GPMM3310).

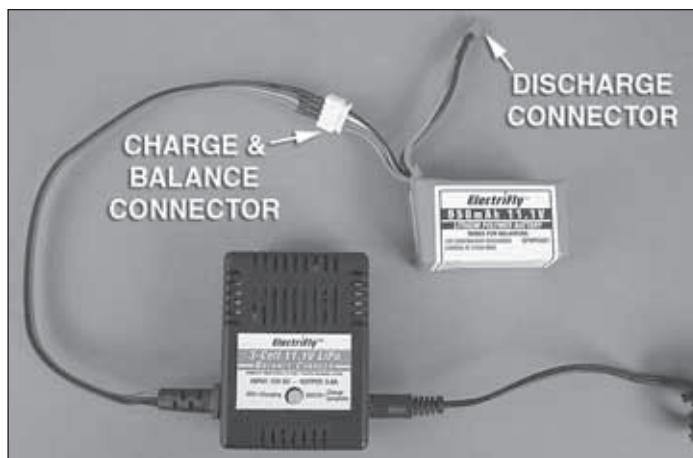
Charging the Flight Battery



1. Connect the input power plug from the AC wall adapter or the 12V car adapter to the charger. While the charger is initializing, the indicator light will change from ORANGE to RED to GREEN. GREEN indicates standby mode which indicates the charger is ready.



2. Always use the charge and balance connector on the battery when charging. Do not use the discharge connector to charge the battery.



3. Connect the battery to the balance connector on the charger. The indicator light will change from GREEN to RED, and will remain RED during the charging process. If the indicator light remains GREEN then the battery may already be fully charged.

4. When the battery is fully charged, the indicator light will turn GREEN. Remove the battery from the charger at this time and disconnect the charger from its power source.

5. Charging time depends on the amount of charge remaining in the battery. The charge process may take as long as 1 hour 30 minutes with a fully discharged battery.