

Relion/Peerless Battery Sets

5200mAh-2600mAh

4800mAh-2400mAh

FROMECO

INSTRUCTIONS

Warning Safety Precautions

1. Never charge Lithium Ion cells/packs at any rate unattended.
2. Only charge Lithium Ion cells/packs with a charger designed specifically for Lithium Ion chemistry.
3. Lithium Ion cells can ignite because of unmatched cell capacity or voltage, cell damage, charger failure, incorrect charger settings and other factors.
4. Always use the correct charging voltage. Lithium Ion cells/packs may ignite if connected to a charger supplying more than 6 volts per cell.
5. Always assure the charger is working properly.
6. Always charge Lithium Ion cells/packs where no harm can result.
7. Never charge a cell/pack in a model. A hot pack may ignite wood, foam, or plastic.
8. Never charge a cell/pack inside a motor vehicle, or in a vehicle's engine compartment.
9. Never charge a cell/pack on a wooden workbench, or on any flammable material.
10. If a cell/pack is involved in a crash:
 - a. Remove the cell/pack from the model.
 - b. Carefully inspect the cell/pack for shorts in the wiring or connections. If in doubt, cut all wires from the cell/pack.
 - c. Disassemble the pack.
 - d. Inspect cells for dents, cracks and splits. Dispose of damaged cells (see below).
11. Dispose of cells/packs as follows:
 - a. Discharge: with the cell/pack in a safe area if possible. In the United States, many areas and jurisdictions allow discharged Lithium Ion batteries to be disposed of in normal trash. However, it is the end users' responsibility to ensure disposal in normal trash is permissible. Users should contact their municipal waste disposal facility prior to discarding any used battery in normal trash.
12. Handle all cells/packs with care, as they can deliver high currents if shorted.
13. Always store cells/packs in a secure location where they cannot be shorted or handled by children.
14. When constructing a pack, use only cells of the same capacity (mAh).

Basic Charging Instructions

1. All FROMECO receiver packs **must** be charged with a lithium charger set to "2 series" or "7.4 volts", this includes the 4 cell 4400/4800/5200mAh packs.
2. After charging, FROMECO receiver packs **must not** exceed 8.4 volts
3. Charge FROMECO receiver packs at a rate **not to exceed 1C**. Use a lower rate (0.5 to 0.8) for longest life.
4. FROMECO packs should be charged at temperatures above 50F (10C)
5. Do not store lithium packs at temperatures above 140F (60), because cells may degrade.

When to Recharge

Fromeco recommends 7.0 volts as a NO-FLY voltage under a 1 amp load. Batteries should be charged if this voltage is reached while testing at a 1 amp load.

Storage

For prolonged storage, more than 2 months. Fromeco recommends that packs be discharged to a voltage of 7.4-7.6VDC. For best results batteries should be stored in a cool dry place preferably 35 to 40deg. F.

Best Practices

Always load check batteries between flights.

Extreme Cold Weather Conditions

Lithium Ion and Lithium Polymer batteries will experience abt. a 30% temporary decrease in capacity at temperatures below 32deg. F. Flying in extreme cold conditions should be done with great care. Lithium batteries should never be exposed to Temperatures colder than -4deg. F.

Fromeco Reliaswitch Warning

Reliaswitches do draw power in the off position, it is highly recommended by Fromeco that you do not leave your Super Regulated Reliaswitches connected (even in the OFF position) to Lithium Ion or any Lithium technology for longer than a 2 week period of time.

Fromeco Scale Avionics LLC® warrants that at the time of shipment and for a period of ninety (90) days thereafter the Product (Fromeco Scale Avionics LLC® Relion Lithium Ion Battery Packs) shall conform to the functional description contained herein, and shall be free from defects in workmanship. If any defect within this warranty appears, the Purchaser shall notify FROMECO immediately. Buyer's sole and exclusive remedy in the event of a defect is expressly limited to (at Fromeco Scale Avionics LLC® sole election) correction of the defect by replacement or issuance of credit in the amount of the price of the Product, for any Product which proves defective within the above warranty. The foregoing warranties are the sole and exclusive warranties made by Fromeco Scale Avionics LLC®. THESE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. In no event shall Fromeco Scale Avionics LLC® be liable to Purchaser, end user, or any other party or individual for any incidental, special or consequential damages of any nature that are or could be attributable to the product. Fromeco Scale Avionics LLC® maximum liability shall not exceed the purchase price of the Product under this agreement. Use of the Product by Purchaser shall constitute Purchaser's acceptance of these terms.