Rathbone Broadcast Batteries, LLC. Established 1989	Batteries • Final Assembly Analyzers EMV • Clean - Renewable Energies Lithium Ion • Solar • Wind

Reminder-Lithium Ion

We do not build and store excess battery packs for months or longer at a time.

Notice: BEFORE USING BATTERY PACK(S) MUST BE FULLY CHARGED.
Enclosed Packs Are: ❑Charged ❑Discharged

Because your battery packs are specialty builds custom manufactured and built to order:

- The first five to ten charge – discharge cycles of your new Li-ON battery packs are very important to building the muscle / character of the pack (s). Let them COOL and allow them to COOL between charges! DO NOT charge when the cells are COLD.
- Store in cool place (preferably below 300C) and ventilated area away from moisture, sources of heat, open flames, food and drink. Keep adequate clearance between walls and batteries. Temperature above 700C may result in battery leakage and rupture. Since short circuit can cause burn, leakage and rupture hazard, keep batteries in original packaging until use and do not jumble them.
- Use a simple Rubbermaid, Coleman, or other cooler WITHOUT ice or freeze packs. You do NOT want to cause internal condensation! See page 4 of the included MSDS PDF sheet for exact temperature ranges.

- In an ideal world:
  - You should run your new Li-ON battery through five to ten full charge discharge cycles as you use the battery packs to build the character of the pack.
  - This will keep the new battery (s) maintained as well as possible.
  - Heat is particularly bad on any chemical cells as well as over discharging.
  - Analyzers are required for detailed run time analysis, say for someone managing 400 to 600 batteries for field use.
  - Unlike nickel cadmium and nickel metal hydride, Lithium Ion batteries do not recondition or rejuvenate so for the average station or user you do NOT require an expensive analyzer.
  - Every quarter try to run the batteries down to camera shut off three or four times, but TURN OFF the camera and take the battery off of the camera immediately when finished!
- What NOT to do:
  - Many well intended shooters, wanting to discharge the battery properly, and not having a more sophisticated charger or, an analyzer such as PAG or Cadex, at some point decides to leave the camera powered ON. Then they forget about the camera and battery. DO NOT DO THIS!
  - These batteries have low voltage protection circuitry built in but if somehow you did drain the battery below .9 volts per cell you may damage the cells.
  - If you drain the battery below approximately .7 volts per cell your charger may NOT recognize the battery and you must send it back to us.
  - If the pack has been taken to 0.0 volts, normally through storage, your lithium ion pack is dead and non-repairable.
  - Do NOT store your Li-ON packs for long periods of time, as they will simply die on the shelf. Lithium Ion is NOT a chemical chemistry that can be rejuvenated.
  - Always buy more battery packs than you need and rotate the batteries!

At Rathbone Energy, Inc., we are constantly looking for ways to improve the quality of our products and at the same time reduce the amount of waste produced. These products were packed in:

❑ A new box (please reuse) ❑ A used box

❑ With Non-CFC Recyclable Anti-Static Polystyrene Peanuts (Please Reuse)

Thank you for your business. rathbonebroadcastbatteries.com