

MOTOROLA TWO-WAY RADIO BATTERIES.

BECAUSE "AS GOOD AS" NEVER IS.

Battery quality differences – what to look for:

To make your job easier in selecting the right battery, it's important to understand the differences in battery quality. Battery components and manufacturing processes are not all alike. Knowing these differences can help you make the best purchase decision and choose the right battery for your needs.

When manufacturing batteries, Motorola employs the highest standards of quality and consistency to ensure its batteries meet the rugged requirements of real-world use.

Battery chemistries for different needs:

As you evaluate the type of batteries you need (Nickel-Cadmium, Nickel-Metal Hydride, or Lithium Ion), consider how your firm works. How often will your batteries need to be recharged? Will you need a battery that provides the longest cycle life possible? Will your batteries be exposed to extreme temperature conditions? Answers to these questions will help determine the type of battery you need.

Motorola two-way radio batteries:

Nothing beats Motorola Original[®] batteries, because "as good as" never is.

When staying productive means staying in touch, you need batteries you can depend on day in and day out. You can trust Motorola batteries to work better and last longer than ordinary replacement batteries – maximizing productivity and keeping your people in touch.



HUNTSVILLE **RADIO**
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MOTOROLA
Authorized Dealer

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MOTOROLA BATTERY CARE & TIPS

- 1. Charge your new battery overnight before using it.** This is referred to as **INITIALIZING** and will enable you to obtain maximum battery capacity.
 - a. Nickel Cadmium or Nickel Metal Hydride: 14-16 hours.
 - b. Lithium Ion/Polymer: 1 to 2 additional hours after the charger light turns green.
- 2. New Motorola Impres batteries,** when inserted into a Motorola Impres charger, will indicate a calibration cycle by displaying a steady Yellow indication on the charge status indicator. **Allow this calibration process to complete** by not removing the battery from the charger until it has completely charged and displays a **steady green indication.**
- 3. In order to minimize capacity loss and cycle life reduction, new, NON INITIALIZED batteries must be stored in well ventilated, cool and dry locations.** Batteries stored in these conditions may be stored:
 - a. Nickel Cadmium up to **2 years.**
 - b. Nickel Metal Hydride up to **18 months.**
 - c. Lithium Ion/Polymer up to **18 months.**
- 4. If used batteries** are to be removed from service for extended periods (greater than 30 days) they **should be discharged to about 50% of their capacity before storage** in a cool, dry location.
- 5. Batteries which have been in storage for more than two months should be fully discharged and recharged.**
 - a. Nickel Cadmium or Nickel Metal Hydride: 14-16 hours.
 - b. Lithium Ion/Polymer: 1 to 2 additional hours after the charger light turns green.
- 6. When using a Motorola rapid charger, leave the battery in the charger for an additional 1 to 2 hours** after the steady green light appears. (Applies to non-impres batteries only.)
- 7. Do not leave your radio and fully-charged battery in the charger** when not charging. Continuous charging will shorten battery life. (Do not use charger as a radio stand.)
- 8. Only charge a battery when it needs it.** If it is not fully discharged, do not recharge it. We suggest that you carry a spare. This is the most cost effective solution for users requiring longer operating time.
- 9. Do not return fully charged non-impres batteries to the charger for an "extra boost."** This action will significantly reduce cycle life. Repeated short cycle charging of non-impres batteries will shorten battery life. (Do not use charger as a radio stand for non-impres