

## Care and Tips for Motorola Rechargeable Batteries:

These battery tips will help you obtain optimized performance and a longer life cycle from your Motorola rechargeable battery.

1. Charge your new battery overnight before using it:
  - a. Nickel Cadmium or Nickel Metal Hydride: 14 to 16 hours.
  - b. Lithium Ion/Polymer: 2 to 3 additional hours after the charger light turns green.This is referred to as "initializing" and will enable you to obtain maximum battery capacity.
2. New, NON INITIALIZED batteries can be stored in well ventilated, cool and dry areas without significant cycle loss as follows:
  - a. Nickel Cadmium: up to 2 years
  - b. Nickel Metal Hydride: up to 2 years
  - c. Lithium Ion/Polymer: up to 1 year
3. Batteries which have been in storage for more than 2 months, should be fully discharged and recharged.
  - a. Nickel Cadmium or Nickel Metal Hydride: 14 to 16 hours.
  - b. Lithium Ion/Polymer: 2 to 3 additional hours after the charger light turns green.
4. When using a Motorola rapid charger, leave battery in charger for an additional 2-3 hours after the green light appears.
5. Do not leave your radio and fully charged battery in the charger when not charging. Continuous charging will shorten the battery life. (Do not use charger as a radio stand).
6. Only Charge a battery when it needs it. (We suggest you carry a spare. This is the most effective solution for users requiring longer operating time.)
7. Do not return fully charged batteries to the charger for an "extra boost". This action will significantly reduce cycle life.
8. Stabilize Battery to room temperature (72 degrees F) before charging. Charging below 40 Degrees F and above 104 degrees F will decrease cycle life.

These simple care and instructions protect your rechargeable batteries from extreme charging temperatures and enhance their performance and useful life.

Specify Motorola brand rechargeable batteries. They are designed and precisely manufactured by Motorola engineers to ensure optimum portable radio performance. It just makes good sense.

Source: Motorola Battery Selector 01-023-BAT.

## Determining your batteries age:

All Motorola batteries come with a 3 digit date code on the manufacturer's label. The first digit indicates the year of manufacture and the last 2 digits indicate the week of the year. With proper maintenance your Motorola battery will perform for years. **A good rule-of-thumb: If your safety depends on your Two-Way Radio you should replace your batteries after 2 years of service.**

