

Battery Care & Tips



MOTOROLA

Radio Products and Services Division

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.** This is referred to as **INITIALIZING** and will enable you to obtain maximum battery capacity.
 - Nickel Cadmium or Nickel Metal Hydride: 14-16 hours.
 - 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:
 - Nickel Cadmium up to **2** years.
 - Nickel Metal Hydride up to **18** months.
 - 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**.
 - Nickel Cadmium or Nickel Metal Hydride: 14-16 hours.
 - Lithium Ion/Polymer: 1 to 2 additional hours after the charger light turns green.

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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 batteries.)
 10. **Stabilize batteries to room temperature (72°F) before charging.** Charging below 40°F and above 104°F will decrease cycle life.
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These simple care instructions help 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.