

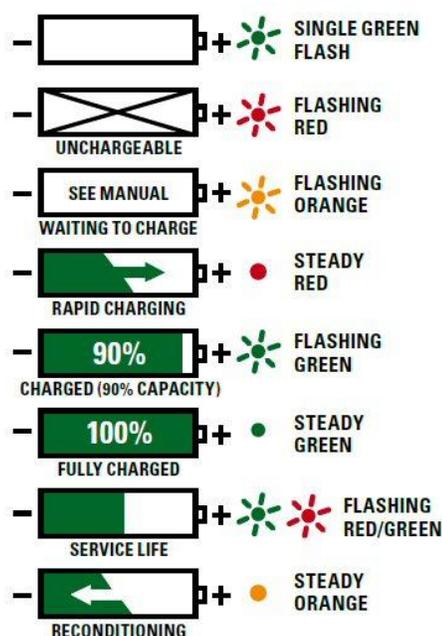
Battery Care & Tips

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.
 - 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. **Motorola impres batteries**, when inserted into a Motorola impress 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. 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.
4. **Stabilize batteries to room temperature (72°F) before charging**. Charging below 40°F and above 104°F will decrease cycle life.

How to read your IMPRES charger to maximize battery life

Once the IMPRES battery is properly seated into the charging pocket, the charger indicator illuminates showing that the presence of your battery has been recognized. The following table shows you how to read the charging status of your IMPRES battery:



Charge indicator	Description
SINGLE GREEN FLASH	Charger has successfully powered up
FLASHING RED	Battery is unchargeable or not making proper contact with the charger
FLASHING ORANGE	Battery is recognised by charger but is waiting to charge. (Either the battery voltage is too low or the battery temperature is too low or too high to allow charging. When this condition is corrected, the battery will automatically begin charging)
STEADY RED	Battery is in rapid charge mode
FLASHING GREEN	Battery has completed rapid charge to 90% capacity, leave in charger to complete the charge
STEADY GREEN	Battery has completed charging and is 100% charged
FLASHING RED/GREEN	Battery has completed charging and is fully charged. Battery continues to be useable, but may be nearing the end of its rated service life.
STEADY ORANGE	Battery is in recondition or initialisation mode. The length of time the charger remains in this mode depends upon the state of charge remaining in the battery when inserted. (Fully charged batteries require more time to recondition, 8 to 12 hours or more, than fully discharged batteries)

Battery Charging: reconditioning (steady orange LED) vs. rapid charging (steady red LED)

Motorola's IMPRES energy system can optimize your battery's life by offering automated battery reconditioning. Reconditioning fully depletes then recharges your battery which virtually eliminates the memory effect, preserving the lifecycle of your battery. Fully charging your battery with reconditioning can take up to 12 hours. To stop the automatic reconditioning of your IMPRES battery you can simply set your charger to 'rapid charge' by placing it in the charger once, quickly removing it, then replacing back into the charger again. The color of the LED should change from steady orange (reconditioning) to steady red (rapid charge) and your battery will begin to charge.