

Motorola IMPRES™ Lithium Ion Rechargeable Batteries

IMPORTANT: READ BEFORE USING

BATTERY STORAGE, CHARGING, HANDLING, USAGE AND CARE TIPS

These simple care instructions help protect your Motorola rechargeable batteries from extreme charging temperatures, enhance and optimize their performance and result in a longer more useful life cycle from your battery.

BEFORE CHARGING:

Always charge your batteries using the approved Motorola Solutions chargers. Charging in non-Motorola Solutions chargers may lead to reduced performance and battery damage. A non-OEM counterfeit IMPRES charger will void the warranty and destroy the battery.

Please make sure you are not using a non-OEM counterfeit IMPRES battery as it will be inferior in performance and workmanship and will not be IMPRES data capable.

Battery capacity naturally decreases slowly over time. Motorola Solutions battery performance and workmanship warranty have fixed time periods. Thus, to take full advantage of the capacity and warranty of your new batteries, use batteries promptly after purchase.

If you need to store your new batteries prior to use, please be aware that proper storage guidelines and time durations must be followed. New batteries should be stored as delivered from Motorola Solutions. See the STORAGE section.

For IMPRES batteries, the first battery charge should take place in an IMPRES desktop (not vehicular) charger for proper initialization of IMPRES data in battery memory. Allow batteries to be fully charged until the LED charger status indication is a solid green.

BATTERY CHARGING:

New IMPRES batteries must be initialized/calibrated in an IMPRES charger. The charger will automatically detect the new battery and automatically start the initialization process.

IMPRES chargers will automatically recalibrate or recondition IMPRES batteries periodically. Users should not bypass this process.

IMPRES Vehicle Chargers cannot do calibration or reconditioning.

When the IMPRES battery is first inserted in the IMPRES charger, the charger will begin the initialization process with a steady yellow/orange indication.

DO NOT remove the battery from the charger until the charger indicates steady red followed by steady green. This process may take up to 8 hours.

HANDLING, USAGE AND CARE:

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, the only exception is the LEX L11.)

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.

Stabilize batteries to room temperature (72°F) before charging. Charging below 40°F and above 104°F will decrease cycle life.

Batteries should only be used in specified temperatures. Batteries are designed to optimally operate at room temperature; they will operate at cold and hot temperatures, however, not optimally.

Batteries should be stored outside of a device. If they are stored in a device, then they will discharge quicker and eventually become deeply discharged.

Batteries should not be allowed to deep discharge. A battery can be deep discharged if a load is applied to it for an extended period of time. Deep discharging occurs when the capacity reaches 0%. There is protection circuitry in the device as well as in the battery that will reduce the chance of deep discharging, but not eliminate the possibility. Keep in mind that the battery also has a self-discharge rate that will continue to discharge the battery even without a load.

Exposure to mechanical shock/drop should be limited. Care should be taken when handling batteries.

Use the batteries in accordance with its water and dust Ingress Protection (IP) rating.

DO NOT disassemble, crush, puncture, shred, or otherwise change the form of your batteries.

DO NOT discard your batteries in a fire.

DO NOT dry wet batteries with an appliance or heat source, such as a hair dryer or microwave oven. If the radio battery contacts are wet, dry the battery contacts before attaching the battery to the radio.

Exercise care in handling any charged batteries, particularly when placing it inside a pocket, purse, or other container with metal objects such as jewelry, keys, or coins.

STORAGE:

Remove batteries from radios to eliminate radio as a source of additional current drain.

DO NOT store batteries with flammable materials.

DO NOT replace the batteries in any area labeled "Hazardous Atmosphere."

For optimal battery life, store batteries in a well ventilated, temperature (cool: 68°F/20°C to 86°F/30°C) and humidity (dry: 30%-60%) controlled environment.

Optimal battery storage condition for used batteries (removed from service for extended periods of greater than 30 days) is 30%-50% charge state.

To comply with IATA safety regulations, Motorola Solutions ships new batteries at less than 30% state of charge. Therefore, new batteries must be charged within one month of receipt.

Batteries removed from storage may take several charge / discharge cycles to achieve their optimal capacity. One or two reconditioning cycles will accelerate capacity recovery.

IMPROPER MAINTENANCE AND STORAGE:

IMPRES batteries which have not been properly maintained and then put into storage for a long time, may result in a flashing red indication when put into an IMPRES single unit charger. The flashing red light on the charger indicates a fault condition.

The recommended way to recover some of these batteries, is to put them in the charger for at least 12 hours. If the charger is still flashing red, remove the battery from the pocket for 5 seconds and put it back again for another 12 hours.

The charger may be able to recover (fully charge and calibrate) some of the batteries successfully. If this doesn't work, the batteries were allowed to discharge too deeply to recover and are not useable.

CLEANING/DISINFECTING:

For general cleaning, apply 0.5% detergent-water solution with a cloth, then use a stiff, non-metallic, short-bristled brush to work all loose dirt away from the device/battery. Use a soft, absorbent, lint less cloth or tissue to remove the solution and dry the device/battery.

Make sure that no solution remains entrapped near any connectors, cracks or crevices.

For disinfecting, devices/batteries may be disinfected by wiping them down with over-the-counter isopropyl alcohol (rubbing alcohol) with at least 70% alcohol concentration.

When cleaning/disinfecting with isopropyl alcohol, the alcohol should never be applied directly to the device. It should be applied to a cloth, which is then used to wipe down the device.

The effects of certain chemicals and their vapors can have detrimental effects on plastics and the metal platings.

DO NOT use bleach, solvents or cleaning sprays to cleanse or disinfect your device.

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