



Recommendations For Body-Worn Camera Battery Use, Storage And Care

In compliance with International Air Transport Association (IATA) policy, Motorola Solutions ships all Lithium batteries at a state of charge less than 30% of their rated capacity.

CARE & HANDLING

- Charge battery within 1 month of receipt.
- Always charge your battery using the approved Motorola charger. Use of other chargers will void your Motorola Solutions product warranty, and may lead to reduced performance and battery damage.

DO NOT

- Store batteries with flammable materials.
- Disassemble, crush, puncture, shred, or otherwise change the form of your battery.
- Discard your battery in a fire.
- Dry a wet battery with an appliance or heat source, such as a hair dryer or microwave oven. If the battery contacts are wet, dry them before attaching the battery to the camera.

ALWAYS DO

- Store batteries in a well ventilated, temperature-controlled (68 - 86°F / 20 - 30°C) and humidity-controlled (30 - 60%) environment.
- Use the battery in accordance with its water and dust Ingress Protection (IP) rating.
- Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects such as jewelry, keys or coins.
- Monthly inspect all battery contacts for dirt, grime and dust. Clean the contacts using a precision cotton swab and isopropyl alcohol as instructed in MTN-0134-20-NA. Reapply DeoxIT Gold on the camera contacts using DeoxIT pen PN# G100P.

BATTERY STORAGE RECOMMENDATIONS

- New batteries that will be stored should be charged to greater than 50% (but less than 100%) state of charge within 1 month of receipt. Every 9 months, batteries must be recharged to greater than 50% state of charge.
- Batteries removed from service for storage should be charged to greater than 50% state of charge. Every 9 months, batteries must be recharged to greater than 50% state of charge.
- Do not store batteries attached to cameras. This will minimize current drain on the battery.

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

SWELLING

All prismatic Li-ion cells swell slightly with normal use as they age. Under normal conditions, this swelling is on the order of 10 - 15% of the battery's original thickness, although it may vary from manufacturer to manufacturer. Slight swelling in this range is not a product safety issue.

Swelling on a larger scale can be seen if the battery/product is exposed to abnormal conditions. This is not, however, indicative of an imminent safety concern. This greater degree of swelling is typically caused by:

- High temperature storage (> 60 C)
- Overdischarge (storage below 2 V)
- Overcharge (use of unauthorized charging system).

Note: If swelling results in the enclosure being breached or compromised, thereby exposing the battery's internal components to the environment, then that presents a potential safety issue and the battery must no longer be used. Recycle or dispose of the battery in compliance with applicable local regulations.

In order to minimize swelling, adhere to the following general guidance:

- Use batteries in accordance with product specifications (warranty, temperature, environmental conditions).
- Store batteries when not in use in a well ventilated, temperature-controlled (68 - 86°F / 20 - 30°C) and humidity-controlled (30 - 60%) environment.
- Use only Motorola authorized charging systems to charge your battery.

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