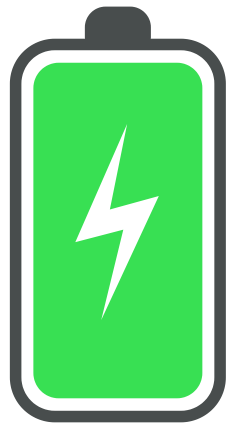




UNIFIED FIRE AUTHORITY LITHIUM-ION BATTERY FIRE SAFETY COMMUNITY RISK REDUCTION



Overview: Powering Our World with Lithium-Ion Batteries

Lithium-ion batteries power a wide range of devices including smartphones, laptops, e-scooters, e-bikes, e-cigarettes, vehicles, smoke detectors, and even toys. When mishandled or damaged, these batteries may overheat, ignite, or in some cases, explode.

The Problem: Understanding Battery Hazards

Lithium-ion batteries store a large amount of energy and can pose a threat if not treated properly. Fires can be caused by thermal runaway—a rapid chain reaction triggered by overheating, overcharging, physical damage, or internal defects.



Warning Signs: How to Spot Danger Early

Discontinue use of the battery if you detect any of the following: odor, discoloration, excessive heat, deformation, leakage, or strange sounds. If it's safe, place the device away from flammable materials and **call 9-1-1**.



Best Practices: Take C.H.A.R.G.E

Certified Products • **H**andle With Care • **A**lways Stay Alert • **R**ecycle Responsibly • **G**et Out Now • **E**ducate Others

- ✓ When buying devices, check for the Underwriters Laboratories (UL) mark, which indicates the product has undergone safety testing.
- ✓ Charge and store the device according to the manufacturer's guidelines.
- ✓ Only use the charging cable and power adapter designed for that specific device by the manufacturer.
- ✓ Do not charge your device near exits, including doors, windows, or fire escapes.
- ✓ Keep batteries and devices at room temperature, away from direct sunlight.
- ✓ Do not charge using an extension cord.
- ✓ Store batteries in a location free from flammable materials.



Recycle Responsibly



- ✗ Do not put lithium-ion batteries in the trash.
- ✗ Do not put discarded batteries in piles.
- ✓ Recycling is always the best option.
- ✓ Dispose lithium-ion batteries at designated recycling facilities.

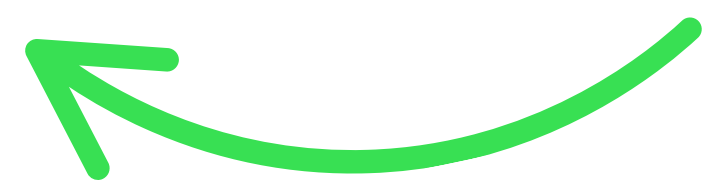
For a responsible way to dispose lithium-ion batteries, visit: call2recycle.org/locator

SCAN HERE



Or

Use the QR Code



FOR MORE SAFETY TIPS

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