

LITHIUM-ION BATTERIES AND

MICROMOBILITY DEVICES:

SAFETY TIPS FOR

RETAILERS AND CONSUMERS

Lithium-ion batteries are used in various devices, commonly powering cell phones, laptops, tablets, power tools, electric vehicles, and **micromobility devices, including e-bikes and e-scooters**. Lithium-ion batteries store a large amount of energy. If not handled properly, they can pose a serious safety threat.

✓ DO

- **DO** charge and store your device outside where possible.
- **DO** follow the device manufacturer's instructions for charging and storage. Always use the manufacturer's cord and power adapter made specifically for the device.
- **DO** buy only the manufacturer's battery compatible with your device when you need to buy a new battery.
- **DO** plug your device charger DIRECTLY into a wall outlet.
- **DO** store and charge batteries away from anything that can catch fire.
- **DO** monitor your battery for any odors, changes in shape or color, leaking, or odd noises.
 - *If you notice any of these conditions, stop use immediately.*
 - *If it's safe to do so, move the device away from anything that can catch fire.*
 - *Call 911.*
- **DO** recycle batteries by taking them to a Special Waste Drop-Off Site at nyc.gov/dropspecialwaste. Visit nyc.gov/batteries for safe disposal instructions and more disposal options near you.

✗ DON'T

- **DO NOT** buy or sell devices or batteries unless they have been certified to Underwriters Laboratories (UL) safety standards. Look for the logo, mark, or name of the accredited testing laboratory that issued the required safety certification. Visit nyc.gov/dcwp for an Accredited Testing Laboratory List.
- **DO NOT** seek alternative battery options other than the one compatible with your device.
- **DO NOT** charge your device near exits and ways out, including your apartment door, bedroom doors, and windows, in particular a window with a fire escape.
- **DO NOT** charge your device in your bedroom.
- **DO NOT** charge your device on any surface other than the floor.
- **DO NOT** place your battery or charge your device in direct sunlight.
- **DO NOT** charge your device using an extension cord.
- **DO NOT** charge or store your battery in extreme hot or cold temperatures.

For more information on lithium-ion battery standards and regulations in New York City, visit nyc.gov/fdny/batteries.



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Consumer and
Worker Protection

