



This is your warning!

Using lithium-ion batteries safely



toronto.ca/firesafety



Be Safety Smart

If using any devices powered by lithium-ion batteries:

- Purchase and use devices that are listed by a qualified testing laboratory such as UL / ULC.
- Follow the manufacturer's instructions for charging and storage of devices.
- Only use batteries and charging cords that are designed and approved by the manufacturer for the device.
- Do not charge a device under your pillow or on your bed or couch.
- Avoid overcharging devices; unplug as soon as the device is fully charged.
- Do not place batteries in direct sunlight or hot vehicles.
- Store lithium-ion batteries away from anything that can catch fire.
- Avoid crushing, bending or dropping a device or charger.



STOP USING THE BATTERY if you notice any of the following: odour, change in colour, change in shape, too much heat, leaking or noise coming from the battery.

Follow your home escape plan and call 9-1-1 once safely outside.

Lithium-Ion Batteries

Lithium-ion batteries are used to power many kinds of devices, including smart phones, laptops, e-scooters, e-bikes and toys.

Lithium-ion batteries store a large amount of energy in a small amount of space, they can pose potential fire safety hazards if not used properly.

Improper charging and physical mistreatment are some of the primary factors that can cause these batteries to explode and catch fire quickly.

Learn more at: toronto.ca/lithiumbattery



Improper disposal of a lithium-ion battery could harm a waste collector. Dispose of your e-bike batteries at a City Drop-off Depot.



A modified lithium-ion battery could end your life. Never tamper with your e-bike battery.



Overcharging a lithium-ion battery could harm your family. Always keep your e-bike battery in sight while charging.



An uncertified lithium-ion battery could harm your neighbours. Only use manufacturer recommended batteries in your e-bike.

Fire Safety Begins with You



Prevent

Prevent fire from occurring in your home by using lithium-ion batteries safely.



Detect

Ensure you have a working smoke alarm on all levels and outside all sleeping areas. Have a working carbon monoxide alarm outside all sleeping areas where required. Test your alarms regularly.

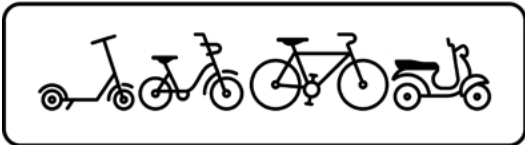


Escape

Prepare and practice your home fire escape plan. Know what to do and where to go if evacuation is necessary.

Learn more at toronto.ca/hhw

LEARN THE RULES FOR ALL RIDEABLES



toronto.ca/Rideables

Lithium-Ion Batteries in High-Rise Buildings

Protect your home.

Protect your neighbours.

Lithium-ion batteries are everywhere—in phones, laptops, e-bikes, scooters and more. They're useful but can catch fire if they are not used safely.

Rideables Safety:

- Never charge e-bikes or other lithium-ion devices in hallways, stairwells or shared areas.
- Never charge or store items near a unit's entrance.
- Only use manufacturer-approved batteries.
- Check with building management on charging policies for rideables like e-bikes.

If a Battery Catches Fire in your Unit:

1. Evacuate immediately.
2. If safe, close doors behind you to contain the fire.
3. Pull the red fire alarm pull station next to the stairwell on your floor and yell "Fire!"
4. Leave the building using the nearest exit stairway. Do not use the elevator.

For more information about high-rise fire safety:

- Ask your building management.
- Contact Toronto Fire Services by contacting 311.
- Visit toronto.ca/HighRiseFire.

Safe Battery Disposal

Lithium-ion batteries are household hazardous waste and should **never** be placed in the garbage, Blue Bin (recycling) or Green Bin (organics). Bring lithium-ion batteries to one of the City's Drop-Off Depots or a Community Environment Day for safe disposal.

You can also arrange a free Toxic Taxi pickup from the City if you have between 10 to 50 litres/kilograms of household hazardous waste.

Improper storage and disposal of batteries can cause fires. Place batteries in a clear plastic bag or seal terminals with clear packing tape, duct tape or electrical tape. Store batteries in a cool, dry place and drop them off for safe disposal as soon as possible. Damaged batteries should be dropped off for safe disposal immediately.