

## ALWAYS

**ALWAYS** purchase and use devices certified by a Nationally Recognized Testing Laboratory UL (Underwriters Laboratory) and the most common laboratories.

**ALWAYS** follow the manufacturer's instructions for charging and storage.

**ALWAYS** use the correct battery, cord, and power adapter.

**ALWAYS** plug directly into a wall electrical outlet for charging.

**ALWAYS** keep batteries and devices at room temperature.

**ALWAYS** store and/or charge batteries away from anything flammable.

**ALWAYS** keep away from heat sources and direct sunlight.

**ALWAYS** bring unwanted batteries to a Battery Recycling Center.

## NEVER

**NEVER** use aftermarket or generic batteries or chargers.

**NEVER** plug into a power strip or overload an outlet.

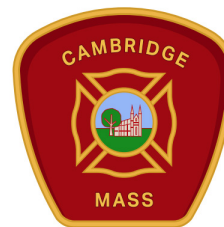
**NEVER** overcharge or leave battery charging overnight.

**NEVER** charge a battery or device under your pillow, on your bed, or near a couch.

**NEVER** leave e-bikes or e-scooters unattended while charging.

**NEVER** block your primary way in or out of a room/ space.

**NEVER** place batteries in Trash or Recycling bin.



**EMERGENCY LINE: 911**  
**NON-EMERGENCY LINE: (617) 349-4900**



# UNDERSTANDING BATTERY FIRES

## The City of Cambridge Fire Dept SAFETY TIPS & PRECAUTIONS



Damaged or unstable batteries and improper charging, storage or disposal can cause the batteries to overheat, leading to an explosive, aggressive fire that spreads rapidly, can reignite and is challenging to extinguish.

- Battery fires can be very dangerous. Water may not be able to prevent a battery from burning and spreading. Battery cells have been known to explode and quickly spread to other battery cells. The fire can also spread to other nearby devices or furnishings.
- These batteries can enter an uncontrollable, self-heating state. This can result in the release of pressurized toxic flammable gas, cause a fire, and even result in a possible explosion.
- These batteries may continue to generate heat even when there is no visible sign of fire. Once heat reaches a certain level fire may reignite on the battery and surrounding area.
- Reignition of an extinguished battery fire can happen. These batteries have been known to unexpectedly re-ignite without warning within minutes, hours and even days after all visible fire was originally put out.
- Some fire extinguishers may not work on all battery fires. If you observe a battery fire, leave the area, close the door, and call 911 immediately.



## THE DANGERS OF LITHIUM-ION BATTERIES

Fires caused by lithium-ion batteries have increased dramatically. These batteries are found in electric bikes and scooters, cars, laptops, tablets, phones, and other common household and business devices. Battery fires have caused deaths, serious injuries, and devastating damage to property. Below is some basic information you should become familiar with.