




# Lithium-Ion Batteries SAFETY TIPS



## #FDNYSmart Safety Tips for Devices with Lithium-Ion Batteries

Lithium-Ion batteries are used in various devices. These batteries are commonly used in cell phones, laptops, tablets, electric cars, and scooters. Lithium-ion batteries store a large amount of energy and can pose a threat if not treated properly. Like any product, a small number of these batteries are defective. They can overheat, catch fire, or explode.

### Be #FDNYSmart if using any devices powered by lithium-ion batteries:

-  When purchasing devices, be sure that the equipment has the Underwriters Laboratories Mark. The UL mark shows that the product has been safety tested.
- Follow the manufacturer's instructions for charging and storage.
- Do not charge a device under your pillow, on your bed, or a couch.
- Always use the manufacturer's cord and power adapter made specifically for the device.
- Keep batteries/devices at room temperature. Do not place in direct sunlight.
- Store batteries away from anything flammable.
- If a battery overheats or you notice an odor, change in shape/color, leaking, or odd noises from a device discontinue use immediately. If safe to do so, move the device away from anything that can catch fire and call 9-1-1.

### Battery Disposal:

- Putting lithium-ion batteries in the trash or recycling at home is illegal.
- Recycle batteries by taking them to a battery recycling location or visiting [nyc.gov/batteries](http://nyc.gov/batteries) for disposal instructions is always the best option.
- Individually bag batteries or tape ends before disposing.



**FDNYSmart**

[fdnysmart.org](http://fdnysmart.org)

To Educate New Yorkers



rev. 060321-05