

Lithium-Ion Battery Device Safety



Lithium-Ion batteries supply power to many different types of electronic devices such as smart phones, scooters, tablets, laptops, hoverboards, e-cigarettes, power tools and toys. Lithium-Ion batteries can store large amounts of energy and may pose a threat if not properly cared for. Like any type of product, these batteries can be defective and fail. It is imperative you use care when operating and or charging them. In rare cases, they can overheat, resulting in a fire and/or explosion.

Safety Tips While Using or Charging Lithium-Ion Batteries:

- Only purchase a device that is Underwriters Laboratory listed (UL). This UL listing indicates that it has been safety tested and met specific standards.
- Follow the manufacturer's instructions for use and charging.
- Use only the battery that has been designed and recommended for the device.
- Install batteries the correct way.
- Only use the charging cord that the device came with.
- Keep batteries at room temperature.
- Avoid direct sunlight.
- Do not charge a device on your bed, couch, chair, on or under a pillow.
- Never leave a charging device unattended.
- Do not charge your device in a multi plug strip outlet.

Signs of a Problem:

- Immediately stop using or charging your device if you notice an odor, change in color, excessive heat, change in shape, leaking or odd noises. If it is safe to do so, move the device away from anything that may catch on fire and call 9-1-1.

Battery Disposal:

- Recycle your batteries by taking them to the Rockland County Household Hazardous Waste Facility in Pomona, NY. (See below)
- Do not put Lithium-Ion batteries in the trash or recycling.
- Once removed from a device, store all batteries separate from each other.



<https://www.rocklandgreen.com/facilities/household-hazardous-waste-facility>