

Lithium-Ion Battery Safety



Horry County Fire Rescue

Community Risk Reduction Guideline

Common Locations for Lithium-Ion Batteries Throughout the Home

- **Common Devices** - Smartphones, tablets, e-readers, laptops, keyboards
- **Tools/Household** - Cordless drills, lawnmowers, blowers, string trimmers
- **Electronics** - Security cameras, drones, wireless speakers, gaming devices
- **Transportation** - Passenger cars and trucks, E-bikes, scooters, hover boards
- **Medical** - Portable oxygen concentrators, CPAP batteries, rechargeable shavers
- **Safety Devices** - Rechargeable flashlights, battery-pack chargers



Five Quick Tips

- 1.** Follow the instructions from the manufacturer before charging your new device
- 2.** Never dispose of your lithium-ion battery in your homes trash can or recycle bin
- 3.** Utilize the guideline QR Code to determine the proper location to dispose of lithium-ion batteries
- 4.** Always use the manufacturers charger which came with the device - do not swap with others
- 5.** If the battery begins to smoke, make popping noises, or gets too hot, please call 9-1-1

Safety Tips and Considerations for use, care and disposal of lithium-ion batteries in the home

- Always utilize the manufacturers chargers provided with the device - do not swap chargers with devices
- Replace device chargers with a like model. Do not utilize a generic or after-market charging device
- When buying a new product or replacing a charging device that uses a lithium-ion battery, look for a safety certification mark such as UL, ETL, or CSA. This means the device meets important safety standards
- Do not leave devices on chargers overnight - unplug from charger when fully charged and remove the battery from the charging device
- Charge your devices and batteries on a solid surface, do not use an extension cord, and keep at least three feet from combustibles
- Replace and dispose of any battery which is swollen, damaged or becomes easily overheated

Where Do I Recycle or Dispose of my Old Lithium-Ion Batteries?

- Do not throw lithium-ion batteries in your homes trash can or recycle bin
- Lithium-ion batteries should always be disposed of in a safe battery recycle location
- Utilize the QR code below to determine the proper location and times of operation to safely and properly dispose of your household lithium-ion batteries in Horry County, SC

DISPOSAL OPTION QR CODE



"Follow these Safety Tips to Ensure Your Family and Home are Safe"

**For Additional Community Risk Reduction Information or to Schedule a Program - Call 843-915-5606
X (Twitter): @hcfirerescue www.horrycountyfirerescue.com Instagram: horrycountyfirerescue**