

BE BATTERY SMART

LITHIUM-ION BATTERIES

Lithium-ion (Li-ion) batteries are everywhere. The most popular rechargeable battery comes in multiple sizes and shapes and powers everything from smart phones, laptops, and tablets to hand-held power tools and toys. Li-ion batteries, however, store a large amount of energy in a small space and are more easily damaged than other batteries.



If damaged or improperly stored, charged, or disposed of, they can catch fire or explode.

Seven Safety Tips for Lithium-Ion Batteries

- 1 Always follow the battery manufacturer's instructions.**
- 2 Store properly** – out of sight and reach of children in a cool, dry place.
- 3 Don't use batteries that are damaged.**
- 4 Always charge your device where you can see it.**
- 5 Do not overcharge devices or charge on a bed or under a pillow.** Batteries may overheat, explode, and catch fire.
- 6 Check toys and devices regularly** to ensure batteries are secure and in good condition.
- 7 Never put li-ion batteries in your garbage or recycling cart.** Recycle them at participating drop-off sites.

Learn more about battery safety at home including recycling options at
des.sc.gov/bebatterysmart