

# BATTERY BASICS DISPOSAL GUIDELINES

Compared to using power from your electric outlet, using household batteries for power is very expensive. It takes far more energy and resources to make a battery than the energy you will pull from the battery.

SINGLE-USE	MULTIPLE-USE	ELECTRIC GRID
\$444.00	\$15.50	\$0.10

Cost comparison of receiving same amount of energy per kilowatt-hour (kWh) from different sources.

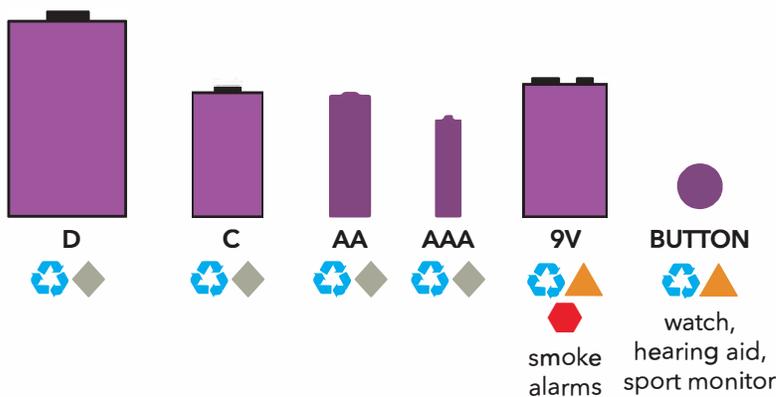
## ONLY USE BATTERIES WHEN NECESSARY

If you do need a battery, use **RECHARGEABLE BATTERIES**, which cost less per kWh, will last longer since they can be recharged, and are easier to recycle when they reach the end of their life.

 **Never place any type of battery in your curbside recycling cart; take them to a designated battery recycling location.**  
Visit [HamiltonCountyRecycles.org](http://HamiltonCountyRecycles.org) for a list of recyclers.

 **At the end of battery life, cover conductor stubs with electrical, duct or masking tape for safety. Do not dispose of or store untaped used batteries in a group since they may not be completely dead. Grouping can bring these untaped live batteries in contact with one another, creating safety risks.**

## PRIMARY CELLS • SINGLE-USE

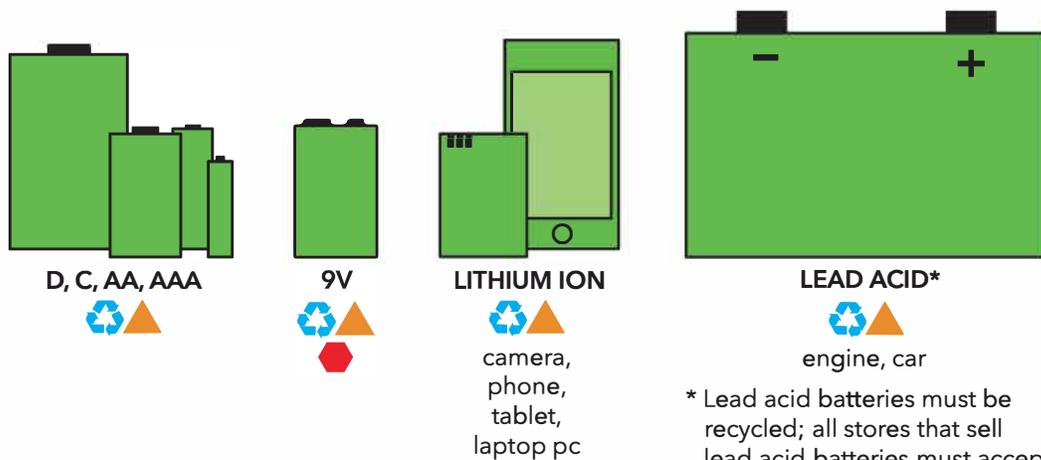


*In 1996, the Battery Act phased out the use of mercury in batteries and provided for the collection and recycling, or proper disposal, of batteries.*

### KEY

-  **RECYCLABLE**  
Take to a designated battery recycling location.
-  **NON-HAZARDOUS**  
Throw away in your trash; composed of common metals that are safe to throw away with regular trash one at a time.
-  **HAZARDOUS**  
Do not throw away with household trash.
-  **CAUTION**  
The positive and negative conductors are close together. If a metal object touches the two posts it can cause a short circuit and can make enough heat to start a fire. Do not store 9-volt batteries with any metal object (paper clips, coins) or other batteries even if the batteries seemingly have no charge left. Store in original packaging until ready to use.

## SECONDARY CELLS • RECHARGEABLE • MULTIPLE-USE



\* Lead acid batteries must be recycled; all stores that sell lead acid batteries must accept them back for recycling.



## RESOURCES

**Cost comparison source:** [http://batteryuniversity.com/learn/article/bu\\_1006\\_cost\\_of\\_mobile\\_power](http://batteryuniversity.com/learn/article/bu_1006_cost_of_mobile_power)

**Tips on buying rechargeable batteries:** [calrecycle.ca.gov/ReduceWaste/power/rechbattinfo.htm](http://calrecycle.ca.gov/ReduceWaste/power/rechbattinfo.htm)

**Recycling outlets for batteries and other odd items:** [http://www.hamiltoncountyrecycles.org/residents/recycling\\_and\\_reuse\\_outlets](http://www.hamiltoncountyrecycles.org/residents/recycling_and_reuse_outlets)

**Locations that recycle lead acid batteries:** [http://www.hamiltoncountyrecycles.org/residents/recycling\\_and\\_reuse\\_outlets](http://www.hamiltoncountyrecycles.org/residents/recycling_and_reuse_outlets)