

# Battery Recycling

A safe and convenient way to recycle your batteries from electronic devices

Batteries are a critical part of powering electronic devices and they are present in a wide variety of products. There are also hazards associated with the handling of used batteries and compliance issues that must be met. Cascade offers battery recycling services to assist our clients through this process.

## Batteries in electronic devices

- ▶ Cascade accepts batteries contained within typical electronic devices. Whenever possible, keep non-damaged batteries installed in laptops, smart phones, tablets, UPS units, and other devices for Cascade to collect and process as normal.
- ▶ When intact batteries are kept in devices, their processing costs are included in the cost to refurbish or recycle the devices. Keeping batteries in devices saves you money.
- ▶ If a device is swelling because of a damaged battery inside, it requires special handling to prevent fires and to comply with DOT shipping requirements – see “damaged batteries.”

## Damaged batteries

Lithium-ion batteries that are swollen or show other signs of damage can only be transported in approved DOT packaging and must display the correct UN label. You can order a special kit from Call2Recycle or contact Cascade to legally and safely pack the device for you. In the meantime, keep them away from combustible materials.



The transportation of batteries is regulated by the U.S. DOT. Most batteries are also considered a Universal Waste by the EPA and need to be properly recycled.

## Preparing loose batteries for pickup

When sending loose batteries to Cascade for processing, they will need to be sorted and packaged as follows. If any batteries or devices with batteries are damaged, follow the “damaged batteries” instructions and DO NOT combine them with intact batteries.

### Rechargeable batteries

Lithium-ion (Li-ion), Lithium primary (button cells), Nickel cadmium (N-Cd), Nickel Metal Hydride (Ni-MH), Nickel Zinc (Ni-Zn), and small sealed lead acid batteries.



Use clear tape to cover the terminals (+ and -) of these batteries or place each battery into its own clear plastic bag before depositing into a box or pail.

### Single use batteries

Alkaline (AA, AAA, C, D, 9-volt) and carbon zinc batteries 12V or less.



Deposit these batteries directly into a box or pail.



Sort batteries by chemistry and pack into separate containers. Boxes/pails must not exceed 66 lbs. Label container “used batteries”.

## Let Cascade pack for you

If you need assistance with the sorting, taping, and packing of batteries onsite, let Cascade help. Our trained technicians can bring the proper supplies to ensure your batteries are transported legally and safely for recycling. Cascade’s onsite hourly labor rate applies.



For damaged Li-ion batteries and devices with damaged batteries, Cascade uses specially permitted CellBlock® flame retardant packaging to collect and transport the devices for further handling and recycling. All DOT required labeling is included on each box. A \$7.50 per unit charge applies.

Contact your Account Manager directly for more details or reach out to any of our agents at the numbers below.