



Never bin your batteries

Battery safety awareness campaign key messages

Why is binning batteries dangerous?

- + Throwing used batteries away in general waste and recycling bins is a serious fire hazard.
- + Any battery that holds a charge can spark and cause a fire. Lithium batteries are particularly dangerous. If crushed inside a collection truck they can self-ignite and cause explosive fires.
- + Industry estimates there are three fires a week in waste and recycling collection trucks attributed to batteries. This comes at a huge cost to councils, industries and communities.
- + Button batteries are a particular fire risk because they have a large battery terminal that can easily spark. They can also cause internal burns if swallowed by small children and pets.



Primary call to action

Never bin your batteries in general waste and recycling bins.



Secondary call to action

- + Don't toss used batteries in general waste and recycling bins
- + Tape them using clear sticky tape
- + Take them to your nearest B-cycle accredited Drop off point.

Talking about binning batteries

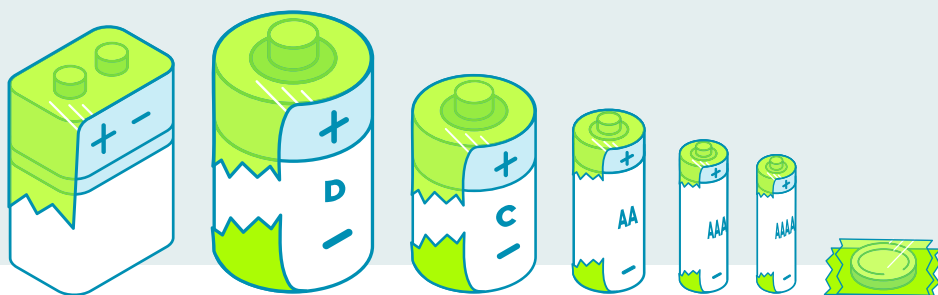
- + Used batteries can have devastating impacts when they're thrown in the bin.
- + B-cycling batteries is:
 - Good for the environment** - helps to reduce toxic landfill waste.
 - Good for the future** - precious resources like lithium, cobalt, and manganese can be reused to make batteries and other metal products.
 - Good for you** - getting used batteries out of your home means you are helping protect the environment from toxic materials, keeping children and pets safer, and reducing the risk of fires.
- + Don't toss used batteries in general waste and recycling bins. Tape them using clear sticky tape and take them to your nearest B-cycle accredited Drop off point.

How B-cycle helps

- + Never toss used batteries in your general waste and recycling bins. B-cycle them instead. Find your nearest Drop off point at bcycle.com.au.
- + Drop off your used batteries safely at a B-cycle accredited Drop off point. To find one near you, head to bcycle.com.au and enter your postcode and battery type.

Batteries in Australian homes

- + There are an estimated **5.7 MILLION** used batteries in households across the country with the potential to cause serious harm.
- + In Australia, an estimated **20 CHILDREN PER WEEK** present to a hospital emergency department suspected of having ingested or inserted a button battery. Children aged 0-5 years are particularly vulnerable.



Battery safety at home

- + Keeping batteries out of general waste and recycling bins prevents fires and environmental contamination.
- + Store taped batteries in a fire-resistant container like a glass jar. To avoid pressure build-up, keep the lid loose so air can escape.
- + Keep new and used batteries out of reach of young children.
- + Keep devices operated by button batteries out of reach of children when not in use.
- + Be careful not to overcharge battery-operated devices.
- + New batteries should remain in their original packaging and should not be stored longer than 6 months.
- + Take used batteries to a B-cycle accredited Drop off point for responsible recycling.

The battery landscape

- + The global battery market was valued at **\$111.86 BILLION** in 2021 and is projected to reach **\$423.90 BILLION** by 2030.
- + Every year **737 MILLION BATTERIES** are purchased in Australia. That's the equivalent weight of about **34,000 AFRICAN ELEPHANTS**.

The problem with batteries is...

- + Incorrect disposal of used batteries can release toxic substances like lead and mercury, harming the environment and causing health problems in humans and animals.
- + Used batteries can't go in your regular waste or recycling bins, as they can be a fire hazard.
- + Used batteries, especially small button batteries, are a safety hazard for children. If button batteries are ingested or inserted they can cause severe internal burns.

What batteries can be B-cycled?

- + Regular household batteries, like the standard-sized batteries used to power household items such as AA, AAA, C, D etc.
- + Button batteries, like the ones you might find in a television remote or car keys.
- + Rechargeable batteries, like the standard-size, handheld rechargeable batteries of all types, up to 5kg.
- + Removable batteries, like the ones found in products like power tools and digital cameras.

The future of batteries

The World Bank finds that by 2050:

- + Demand for battery materials will increase by **ALMOST 500%**.
- + Over **3 BILLION TONNES** of minerals and metals will be needed to deploy wind, solar and geothermal power.

Hope on the horizon

- + Thanks to B-Cycle **32% MORE AUSTRALIANS** are recycling their used batteries at a battery collection point.



For more information please visit bcycle.com.au