

# Used batteries

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If you've ever come across leaking batteries in a device you've not used in ages, you'll know that old batteries left to fester get pretty toxic. We don't want that awful yellow stuff getting all over our lovely environment do we?

Batteries are not accepted via household recycling collections however they can be recycled at your local recycling centre or nearest battery recycling collection point found in most supermarkets.

Household batteries are accepted for recycling at your local recycling centre. Lithium-ion batteries, the sort you find in laptops, tablets and other gadgets, should be removed from your unwanted device if possible and deposited alongside WEEE items.

This means there are now lots more places to take your old batteries for recycling. If you can't see a collection box, ask the shop assistant if they have one - sometimes they keep it behind the counter, especially in smaller stores.

Cobalt and lithium are two resources required to manufacture batteries and are seen to be in critical supply as demand increases. So it's important to recycle all batteries whether they are everyday double AA's or a rechargeable battery that is part of an electrical device.

Batteries should not be put in general waste. When thrown in a bin, batteries dangerously end up in landfills. As they decompose, hazardous elements from the metals are released into the environment contributing to water and air pollution.

Recycling is constantly evolving and changing so check back for updates or try our recycling locator to find out what you can recycle at home and where you can recycle or pass on unwanted items in your local area.

Repurposing electric vehicle (EV) batteries is a growing field of interest as the number of EVs on the road increases. When EV batteries reach the end of their life in vehicles, they can still have approximately 80% capacity. Therefore, reusing them in other applications before the end of their full operational life, and recycling them, can extract additional value.

There are several potential applications for these repurposed batteries. For instance, they can be resold as replacements in other EVs and used in car conversions. They can also be used as energy storage for home or industry application.

Repurposed EV batteries can be used in homes for energy storage. This allows homeowners to charge at night or store excess solar energy generated during the day and use it at night. This can help reduce reliance on



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grid-supplied electricity and further promote the use of renewable energy sources.

We come from an environmentally angle, conscious and big advocates for more reproping in our day to day life"s. Back in 2017 EV battery repurposing was an area that did not have much of a roadmap for this and we started to look into how we could make a difference.

Contact us for free full report

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