

# LITHIUM-ION BATTERY SAFETY



Lithium-ion batteries are rechargeable and store more energy in less space than traditional batteries. When not charged safely, lithium-ion batteries can cause fires that:

- are hard to put out
- can restart even if they appear to be out
- create toxic fumes and explosive gas.

## Know your devices



Power Tools



Cordless Vacuum



Phone



e-scooter or e-bike



Laptop



Kid's Toy



Electric Toothbrush



Camera

Look for these words — lithium-ion , Li-ion , li-po , lithium-polymer , Li+

## How to charge safely

- ✓ Unplug when fully charged.
- ✗ Don't overcharge.
- ✗ Don't leave charging while you sleep.
- ✓ Charge on hard surfaces.
- ✗ Don't charge on soft surfaces like beds or couches.
- ✗ Don't use a different charger for your device.
- ✓ Charge in a cool dry place.
- ✗ Don't charge in direct sunlight.
- ✗ Don't charge if the battery is damaged.



## Safely disposing of lithium-ion batteries

Does your lithium-ion battery:



have a bad smell?



make a strange noise?



feel hot when charging?



look a different colour?



leak fluid?

No

### The battery is not damaged.

Visit [bcycle.com.au](https://bcycle.com.au) to find your nearest recycling location.

Don't put it in household, recycling or public rubbish bins.

Yes

### The battery is damaged.

If it is safe, unplug the device and move it outside away from other flammable items.



Call Triple Zero (000) for emergency help.

## Emergency information

If fire, smoke or white cloud comes from the battery, or you hear a popping and hissing sound:



Don't touch the battery.



Warn everyone and evacuate to a safe place.



Don't breathe the air around the battery.



Call Triple Zero (000) immediately and wait for emergency services to arrive.

