

Lithium ion batteries



About this information



This information is about **lithium ion batteries**.

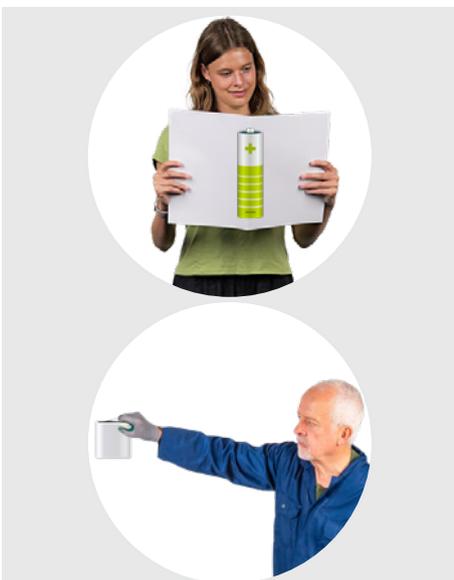


Lithium ion batteries give things like phones power to work.



NSW State Emergency Service made this information.

We are called **NSW SES** for short.



This information will tell you

- What lithium ion batteries are
- What things to check when you use them.

About lithium ion batteries

Lithium ion batteries give power to things like



- Phones



- Laptops and computers



- Toys



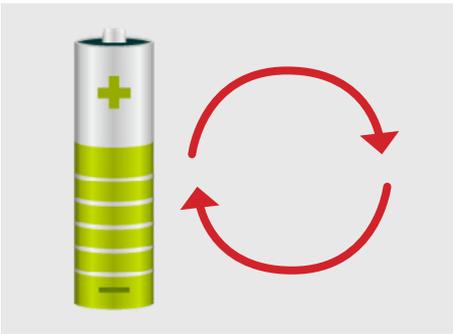
- Cars



- Mobility scooters and wheelchairs.



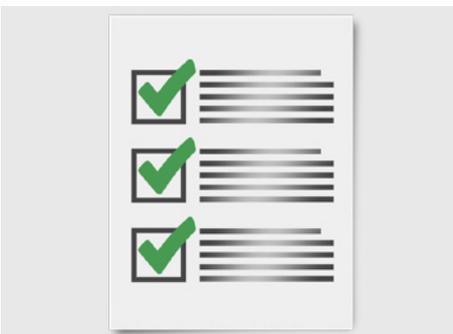
You can plug them in to charge.



You can use them many times.



There are some things you should not do when you use lithium ion batteries.

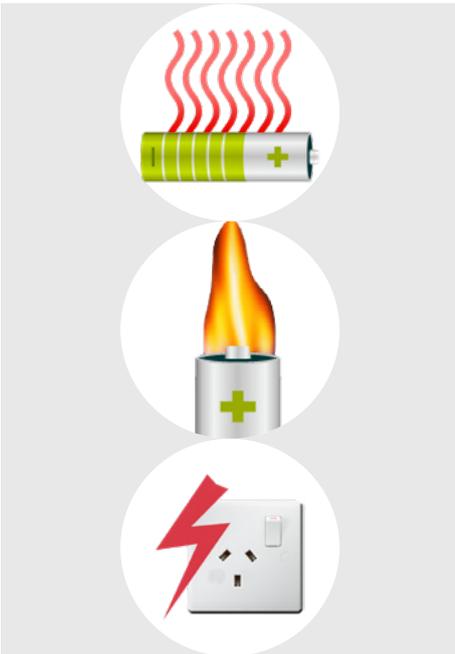


We will talk about these things next.

Lithium ion batteries and water



Lithium ion batteries can be dangerous with water.



This is because water can make them

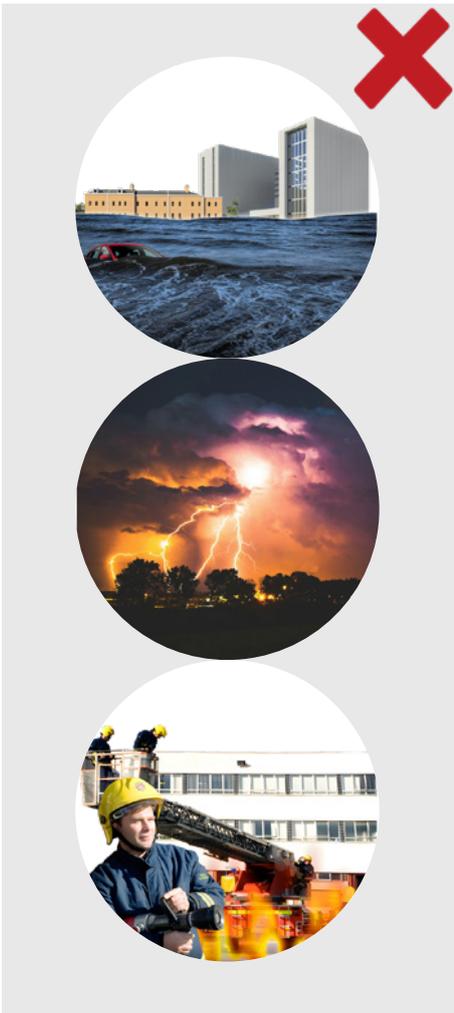
- Get very hot
- Catch on fire
- Have problems with how they work.



You need to be careful if your home uses a **battery energy storage system**.



A **battery energy storage system** is a big battery that keeps power for when you need it.



You should not use your battery energy storage system right after a

- Flood
- Storm
- Fire.



You should get it checked by a **licensed electrician** first to make sure it is safe to use.



A **licensed electrician** is a person who had training to deal with electrical things.



Cars also have batteries.



That is why you should not drive through flood water with your car.



The flood water can make the battery catch on fire for some time after.

Car accidents



All **electric** and **hybrid** cars should have a blue sticker on their number plate.



Electric cars use a lithium ion battery to drive instead of petrol.



Hybrid cars can use petrol or the lithium ion battery to drive.



The sticker will help emergency services know the car has a lithium ion battery.



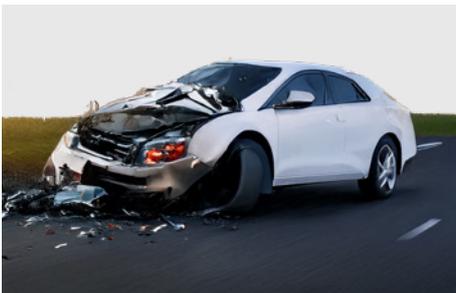
Emergency services are trained to know what to do when an electric or hybrid car has a crash.



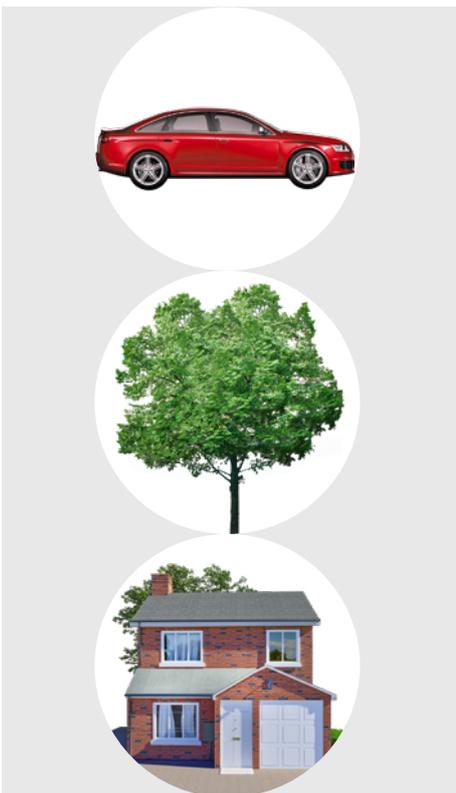
Lithium ion batteries in cars can still catch fire for a long time after a crash.



After a crash you should not park your car in your garage or under a carport.



You should also park your car away from other things that could catch fire for a while.



This might be things like

- Other cars
- Trees
- Houses.

You should get your car checked by a **mechanic** before you



- Drive it again



- Charge it again.

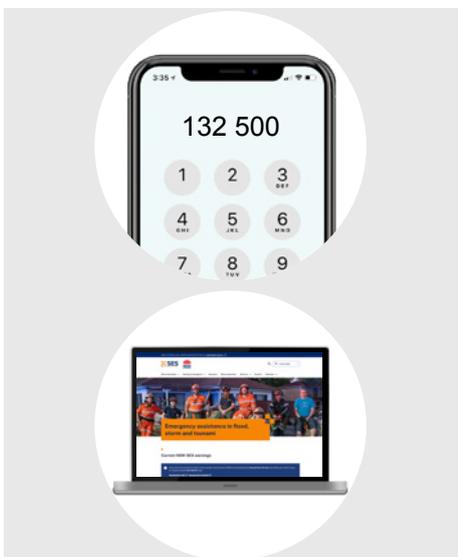


A **mechanic** is a person who fixes and looks after cars.

More information



You can contact NSW SES for more information about lithium ion batteries.

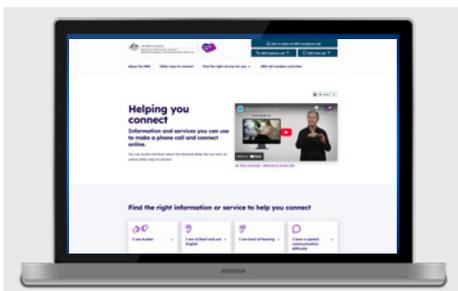


You can

- Call us on **132 500**
- Go to the website **www.ses.nsw.gov.au**



You can contact the National Relay Service if you are deaf or have trouble hearing.



Go to their website **www.accesshub.gov.au** and ask for NSW SES.



You can contact the Translating and Interpreting service for support in other languages.

You can



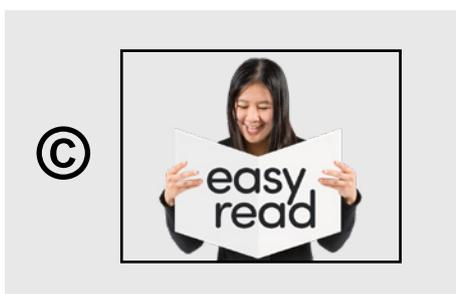
- Call them on **131 450**

- Go to their website **www.tisnational.gov.au**

Who did this Easy Read



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