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Community Safety Flash

E-Bike and E- Scooter Safety



Most E-bikes and e-scooters are powered by lithium-ion batteries which can be charged in the home. It is important to charge e-bikes and e-scooters safely to avoid a fire and outing your home and family at risk

- Follow the manufacturer's instructions when charging and always unplug the charger when it's finished charging
- Charge batteries whilst you are awake – do not charge while you are asleep or away from the home
- Always use the manufacturer approved charger and buy an official replacement charge if it becomes damaged
- Do not cover chargers or battery packs when charging as this could lead to a fire
- Do not charge batteries or store your e-bike or scooter near combustible or flammable materials.
- Do not overcharge your battery- check the manufacturer's instructions on charge times
- Do not overload sockets or use inappropriate extension leads
- If you charge your e-bike or scooter in a garage or kitchen, ensure you install detection – we recommend heat alarms rather than smoke alarms for these areas.
- Ensure you have working smoke alarms
- In the event of an e-bike, e-scooter, or lithium-ion battery fire do not attempt to extinguish the fire
- **GET OUT, STAY OUT and call 999**

- Avoid storing or charging e-bikes or e-scooters on escape routes or in communal areas of a multi occupied building. If there is a fire, it can affect people's ability to escape.
- Responsible Persons should consider the risks posed by e-bikes and e-scooters where they are charged or left in common areas such as means of escape, bike and mobility scooter charging rooms.
- Store e-bikes and e-scooters and their batteries in a cool place. Avoid excessively hot or cold places.
- Follow manufacturer's instructions for the storage and maintenance of lithium-ion batteries if they are not going to be used for some time.



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- Buy e-bikes, e-scooters, chargers and batteries from reputable retailers
- Many fires involve counterfeit electrical goods.
- Items which don't meet British or European standards pose a huge fire risk.
- Genuine chargers may cost more but it is not worth putting your life at risk or destroying your home by buying a fake charger.
- If buying a conversion kit, purchase from a reputable seller and check it complies with British or European standards
- Register your product with the manufacturer to validate any warranties
- Check for any product recalls. You can do this by checking [Electrical Safety First website](#) or [Government website](#)

- Batteries can be damaged by dropping them or crashing e-bikes or e-scooters
- When the battery is damaged it can overheat and catch fire without warning. Check your battery regularly.
- Replace it if you suspect it is damaged
- Check with your manufacturer or local authority for suitable battery recycling arrangements in your area.

Further information can be found for [e-bike licensing, tax and insurance](#) and [government guidance on the use of powered transport](#)

