

E-bikes and fire safety: what you need to know

Alarming headlines about e-bike fires don't tell the whole story. This is what you need to know about e-bikes and fire safety.

This guidance was developed for the UK cycle industry by the Bicycle Association with the support of the Association of Cycle Traders.



VERY SAFE*

- ✓ Bought as a complete system of e-bike, charger and instructions.
- ✓ Bought from a UK based seller and with a Declaration of Conformity and UKCA/CE marking to indicate it meets UK/EU standards.
- ✓ From a reputable brand.
- ✓ Bought from and maintained by a reputable retailer.
- ✓ Charged only with the original charger and using only the manufacturer's original battery packs.
- ✓ Fully road legal as an Electrically Assisted Pedal Cycle.
- ✓ Used according to the instructions.



MAY PRESENT FIRE RISK

- ! If assembled by the rider or an unqualified person or business by adding an e-bike conversion kit to a normal bike.
- ! And/or if bought direct from an overseas seller, not answerable to UK Trading Standards (including many sales via online marketplaces).
- ! If it does not meet UK/EU standards.
- ! If it has been tampered with or de-restricted.
- ! If it uses batteries and chargers from different suppliers. of uncertain compatibility and safety.
- ! If the battery pack has been damaged.
- ! If instructions are missing or incomplete.



* **PLEASE NOTE:** Products with all of the characteristics listed above as "very safe" present, in our understanding and based on the information currently available, low levels of fire risk for responsible users who use them according to the instructions. But this can only be indicative. Further, if damaged or abused any lithium battery system can present very serious fire risk. Users are strongly advised to both follow the manufacturer's instructions in full and to observe the safety guidance published by fire services, for example from Fire England: www.fireengland.uk/fire-safety/charging-your-e-bike-or-e-scooter.

You can also access Fire England's advice by scanning this QR code:



This document is not intended to form part of a formal risk assessment and is not a compliance document; it is for guidance only.