

Are EVs safe in the UK?

All new EVs in the UK include advanced driver-assistance systems (ADAS) as standard. The European New Car Assessment Programme (Euro NCAP) remains the benchmark for safety scoring. Nearly every EV sold in Britain in 2025 holds a five-star rating. EV-specific crash structures and battery enclosures contribute to extremely high survival rates.

Are electric cars safe?

Modern electric cars combine cutting-edge crash protection, intelligent electronics, and near-perfect stability. Fire fears belong to the early years of EV adoption; in today's UK fleet, evidence shows electric vehicles are among the safest machines on the road. Are electric cars more likely to catch fire? No.

Are Londoners able to charge electric vehicles at home?

30% of the UK's public electric vehicle charging points are hosted in London, yet over 50% of Londoners can't charge at home. 51% of private-hire journeys in central London are now electric, up from just 20% in 2021 - due to city-wide incentives.

How many EVs are there in London?

As the UK's leader in EV uptake, London is home to 193,000 plug-in cars and vans, with that number expected to rise to 1.4 million by 2030. 2 While 90% of EV users prefer the cost savings and convenience of home charging, 61% of Londoners do not have access to off-street parking-- creating a major barrier to EV uptake in the capital. 3,4

Electric vehicle drivers should be aware that the quiet operation of their vehicles does not mitigate the effects of impairment, making adherence to legal limits crucial for safety and compliance. For those ...

The London Fire Commissioner (the Commissioner) is the fire and rescue authority for London. The Commissioner is responsible for enforcing the Regulatory Reform (Fire Safety) Order ...

Driven to Danger Electrical Safety First recently conducted an investigation looking into the charging habits of EV drivers and the correlation with charger availability due to the rapid increase in EV ...

How Safe Are Electric Cars? EVs come equipped with an array of safety features designed to protect the EV owners, lets explore the safety of EVs.

Introduction Background Types of Vehicle Risks of Working with E& Hvs Safe Working with E& Hvs With the growth in environmental awareness, the use of electric and hybrid vehicles (E& HVs) is increasing. The recovery, repair, and maintenance of these vehicles outside the manufacturers and franchised dealership networks is increasing. This webpage is aimed at people working with these vehicles in the motor vehicle repair and roadside recovery i... See more on hse.gov.uk Electrical Safety First Electric Vehicles - Electrical Safety First Driven to Danger Electrical Safety First recently conducted an investigation looking into the charging habits of EV drivers and the correlation with charger availability ...

This guide analyses EV safety performance in the UK, current regulations, and what drivers should know about protection, fire risk, and repair. Key Points EVs achieve Euro NCAP five ...

The Future of EV Safety in the UK As the UK continues its journey toward net-zero emissions by 2050, electric vehicles (EVs) are becoming a cornerstone of the country's strategy to ...

Contents Working with electric and hybrid vehicles Risks of working with electric and hybrid vehicles Safe Working with electric and hybrid vehicles Working with electric and hybrid ...

Electric London is a coalition of businesses and organisations from across the electric vehicle (EV) value chain. We are made up of EV manufacturers, charge point operators, logistics and freight ...

Update London sites' EV charging fire safety with 2025 compliance, risk controls and training. Review your FRA and get expert help today.

London leads the UK in electric vehicle (EV) adoption with 193,000 EVs and 1.4 million projected by 2030 90% of EV users charge at home for lower costs and convenience, but 61% of ...

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