

Myth #7:

Batteries are dangerous and can explode in an accident or during charging.

True or false?

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Battery electric cars are **as safe as** internal combustion cars.

All cars authorized for use must meet strict safety standards. Electric vehicles (EVs) are no exception. In 2010 the United Nations adopted Regulation 100. It ensures that cars with a high-voltage electric power train, such as hybrid and fully electric vehicles, are as safe as conventional cars.

Special safety systems prevent the risk of fire and electric shock. For example, in a crash the electricity flow from the battery is terminated immediately.

Furthermore, the battery is installed in a large, crash-proof block in the underbody, which protects it from deformation. Tests conducted by DEKRA, the European vehicle inspection company, have repeatedly shown that the risk of fire is far lower with an EV than with internal combustion engine cars.

