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Electric-car battery charges in five minutes – 24th January, 2021

Level 0

Electric cars will replace petrol cars. This will cut CO2 levels in the atmosphere. Charging the battery is a problem and can take up to 12 hours to charge. A new lithium-ion battery can charge in five minutes. This is how long it takes to fill a petrol car. An Israeli company created the new batteries.

The new batteries could change driving. Electric cars will travel as far as petrol cars. Electric cars can make people worry about the battery running out of power and getting stuck on a highway. A spokesperson said there will be a big change in charging batteries. He said we will all be using electric cars soon.

Level 1

Electric cars will replace petrol cars in the future. This will cut CO2 levels in the atmosphere. Charging the battery is a problem. Some batteries take up to 12 hours to charge. A company has made a lithium-ion battery that can charge in just five minutes. This is how long it takes to fill a tank of gas with petrol. The new batteries were created by an Israeli company. They are being made by a company in China.

The new batteries could change driving. Electric cars will travel as far as petrol cars. Electric cars can give people "range anxiety". This is worrying about the battery running out of power. Drivers are afraid they will get stuck on a highway, or will have to sit in a charging station for two hours. A spokesperson said there will be "a revolution" in charging batteries. He said the switch from petrol to electric will happen quickly.

Level 2

Car makers are making more electric cars. They will replace petrol cars in the future. This will cut the amount of CO2 in the atmosphere. A big problem is charging the battery. Some batteries in electric cars can take up to 12 hours to charge. However, a company in Israel says it has made a lithium-ion battery that can charge in just five minutes. This is the same amount of time it takes to fill a tank of gas. The new lithium-ion batteries were developed by the Israeli company StoreDot. They are manufactured by a Chinese company called Eve Energy.

The new batteries could transform driving. Electric cars could travel as far as petrol cars. Electric cars can give people "range anxiety". This is stress caused by worrying about the battery running out of power. A spokesperson said: "You're either afraid that you're going to get stuck on the highway, or that you're going to need to sit in a charging station for two hours." He added: "We're at the point of achieving a revolution in the electric vehicle charging experience". He said the switch from petrol to electric will happen quickly.

Level 3

Car makers are spending a lot of money on electric cars. In the future, electric cars will replace petrol cars. Environmentalists believe this will reduce the amount of CO2 put into the atmosphere. A big problem for electric cars is charging the battery. Some batteries in today's electric cars can take up to 12 hours to charge fully. However, a company in Israel says it has created a lithium-ion battery that people can charge in just five minutes. This is the same amount of time it takes to fill a tank of gas with petrol. The new lithium-ion batteries were developed by the Israeli company StoreDot. They are being manufactured by a Chinese company called Eve Energy.

The new batteries could totally transform driving. They would mean electric cars would be able to travel as far as petrol cars. Many people with electric cars today suffer from "range anxiety". This is stress caused by worrying about the battery running out of electricity. A StoreDot spokesperson said: "You're either afraid that you're going to get stuck on the highway, or that you're going to need to sit in a charging station for two hours." The new batteries would end this anxiety. A StoreDot spokesperson said: "We're at the point of achieving a revolution in the electric vehicle charging experience". He said it means the switch from petrol to electric cars will happen much faster.