

A Driver's Guide to Ultra Low Emission Vehicles

Traditionally, Ultra Low Emission Vehicles (also known as ULEVs) were expensive and batteries didn't last too long, but advances in technologies have meant that this is no longer the case.

With ULEVs now comparable in price to petrol or diesel vehicles, batteries lasting for up to 300 miles, charging times from as little as 30 minutes, and savings of up to £2,000 in fuel each year, they are proving to be a real alternative to traditional motoring.

ULEVs are particularly cost effective under Tusker's Car Benefit Scheme, as employees can save on tax and NI contributions, not to mention take advantage of Tusker's fantastic manufacturer discounts.



Battery Electric Vehicle

Full electric vehicles. Charged by connecting to an electricity supply.

e.g. Nissan Leaf, Renault Zoe, VW e-Golf, Tesla Model 3



Plug in Hybrid Vehicle (PHEV)

Plug-in hybrids can be charged and driven like an electric car, with the added advantage of having an on-board engine that can be used when the battery is low.

e.g. Mitsubishi Outlander, BMW 3 Series



Savings

There are great savings to be made by taking a ULEV through Tusker's Car Benefit Scheme. For example, with the popular Mitsubishi Outlander, employees can expect to save around £1,000 per year in tax and National Insurance.

Further savings are available as fuel, road tax, congestion charge and parking costs will be dramatically reduced. A full charge will cost around £2 to £3 and will give a typical range of 100 miles which would cost approximately £15 in a petrol or diesel car. ULEVs are exempt from the Congestion Charge and are often free to park in public spaces.



The i3 has proved to be a great car. I liked it because it was cutting edge technology. I liked the fact that it was eco-friendly and it made a huge difference going from a 3L diesel to an electric vehicle. The i3 costs an incredibly small amount to run.

**Martin Sintler,
BMW i3**



Tusker.

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Common misconceptions

? ULEVs are a lot more expensive than a comparable petrol/diesel car

Tusker offer a range of ULEVs which vary in price from a Toyota Yaris right up to the BMW i8. Pricing is dependent on a range of factors, but our Employee Engagement Team can help find something for almost every budget.

? The batteries don't allow you to travel very far before they need charging

When electric vehicles first launched, battery life was typically just a few miles. That's definitely not the case any longer. A full charge in most electric vehicles can last over 100miles, and with the added advantages of choosing a hybrid which can charge the battery en-route, they can last up to 300 miles.

? Charging points are few and far between

There are a growing number of charging points around the UK, with a current estimate of around 12,000 available. Charging point locations are available via a number of websites such as goultralow.com and zap-map.com.

Charging at home is simple. Tusker have partnered with installation specialists Chargedev who can install a charging point at your home or work from just £149. You can also apply for a Government grant of up to 75% of the cost (to a maximum of £500).

? Charging takes a long time

Many modern ULEVs achieve an 80% charge in just half an hour and most of the latest models can fully charge from a dead battery in just 3 ½ hours.

? The fuel savings aren't really that substantial

Based on driving 10,000 miles per year, we estimate that drivers can save around £2,000 a year, depending on the type of vehicle chosen.

? Electric vehicles are slow and boring

Most hybrids actually perform better than their equivalents with the technology resulting in faster and smoother acceleration. With the introduction of brands including BMW and Tesla, there are certainly some less conventional electric and hybrid vehicles now available. These cars can neither be described as slow or boring, with sleek designs and in the case of the fastest Tesla, a 0-60mph of just 2.5 seconds.

? There isn't a lot of choice

Tusker currently have over 150 ULEVs to choose from, with a range of vehicles from sports cars to smaller city vehicles and more being added all the time as manufacturers continue to drive down emissions.



I was the first at London Ambulance Service to get a car and it's been perfect. I have a plug in hybrid Outlander and it's saved me so much money and was easy to order.

Alex Gibb, Mitsubishi Outlander

