



2. Example of the environmental label for pure electric cars (effective from 11 February 2013), and a description of the fields

This label is used for cars that run on electricity, i.e. are propelled by means of an electric motor. The energy is stored in batteries that can be charged either from a mains charger, or another external source – solar charger for example.

Fuel Economy		VED band and CO ₂			
<p>CO₂ emission figure (g/km)</p> <p> 0-100 A 101-110 B 111-120 C 121-130 D 131-140 E 141-150 F 151-160 G 161-170 H 171-180 I 181-190 J 191-200 K 201-220 L 221-255 M 256+ M </p>		<p>A g/km⁽¹⁾</p>			
<p>Electricity cost (estimated) for 12,000 miles A guide price for comparison purposes is calculated using the combined drive cycle (town centre and motorway) and electricity price. Cost is recalculated annually. Unit price as at March 2012: electricity 13.7p/kWh.</p> <p>VED for 12 months Vehicle Excise Duty (VED) or road tax varies according to the CO₂ emissions and fuel type of the vehicle.</p>		<p>Annual energy cost⁽²⁾</p> <table border="1"> <tr> <td>1st year rate⁽¹⁾</td> <td>Standard rate⁽²⁾</td> </tr> </table>		1st year rate ⁽¹⁾	Standard rate ⁽²⁾
1st year rate ⁽¹⁾	Standard rate ⁽²⁾				
Electric energy consumption:	Miles/kWh ⁽³⁾	Electric range:	Miles ⁽³⁾		
<p>Environmental Information A guide on fuel economy and CO₂ emissions which contains data for all new passenger car models is available at any point of sale free of charge. In addition to the fuel efficiency of a car, driving behaviour as well as other non-technical factors play a role in determining a car's fuel consumption and CO₂ emissions. CO₂ is the main greenhouse gas responsible for global warming.</p>					
Make/Model ⁽⁴⁾		Engine Capacity (cc): N/A			
Fuel Type:		Transmission:			
Fuel Consumption Drive Cycle	Litres/100km ⁽⁵⁾		Mpg ⁽⁵⁾		
Urban					
Extra-urban					
Combined					
<p>Carbon dioxide emissions (g/km): Important note: Some specifications of this make/model may have lower CO₂ emissions than this. Check with your dealer.</p>					
<p><small>(1) A new 1st year VED rate will be applied to cars registered for the first time (scheme effective from April 2010). (2) The standard 12 month VED rate for all registered cars in this band is shown for the purposes of comparison. Note, figures quoted reflect the current rate only, and may be subject to change in the future. (3) Please note that figures quoted are obtained under specific test conditions, they may not be achieved under 'real world' driving conditions. However, the figures serve as a means of comparing models of a similar type. (4) A list of electric vehicle charging points is available here: http://plugsurfing.co.uk/. (5) Not available for electric cars.</small></p>					
<p>Department for Transport</p>		<p>To compare fuel costs and CO₂ emissions of new cars, visit http://carfueldata.direct.gov.uk</p>			

(an [Alternative text description of the label is available here](#))



Description of the fields

Fuel Economy	VED band and CO ₂
<p>CO₂ emission figure (g/km)</p> <p>≤100 A</p> <p>101-110 B</p> <p>111-120 C</p> <p>121-130 D</p> <p>131-140 E</p> <p>141-150 F</p> <p>151-165 G</p>	<p>A g/km⁽³⁾</p>

Cars are taxed according to the level of Carbon Dioxide (CO₂) produced and arranged into thirteen bands - each assigned a letter of the alphabet. The actual CO₂ value of the car on display will be shown in the black box to the right and correspond to one of those bands. For pure electric cars this will be shown as 'zero'.

Electricity cost (estimated) for 12,000 miles A guide price for comparison purposes is calculated using the combined drive cycle (town centre and motorway) and electricity price. Cost is recalculated annually. Unit price as at March 2012: electricity 13.7p/kWh.	Annual energy cost ⁽³⁾	
	1st year rate ⁽¹⁾	Standard rate ⁽²⁾
<p>VED for 12 months Vehicle Excise Duty (VED) or road tax varies according to the CO₂ emissions and fuel type of the vehicle.</p>		
Electric energy consumption: Miles/kWh ⁽³⁾	Electric range: Miles ⁽³⁾	

Electricity cost (estimated) for 12,000 miles (Annual energy cost) – is calculated as follows:

12000 / C x D - where

C = The electrical energy consumption (see below)

D = Current electrical energy cost per unit (£)

The VED for 12 months - Vehicle Excise Duty (VED) – more commonly known as 'Road Tax' or 'Road Fund licence'. The "1st year rate" is the amount of VED that will be due for the very first year following registration. In subsequent years, the "Standard rate" will apply. The currently applicable tax rates can be found here: <https://www.gov.uk/vehicle-tax-rate-tables>

Electric energy consumption (Miles/kWh) – is calculated as follows:

(1 / E) x 0.621 x 1000 = "miles / kW" - where

E = wh/km figure taken from the vehicle's Certificate of Conformity.

Electric range (Miles) – is the number of kilometres declared on the Certificate of Conformity and multiplied by 0.62.



Make/Model		Engine Capacity (cc): N/A	
Fuel Type: ⁽⁴⁾		Transmission:	
Fuel Consumption <i>Drive Cycle</i>	Litres/100km ⁽⁵⁾	Mpg ⁽⁵⁾	
Urban			
Extra-urban			
Combined			
Carbon dioxide emissions (g/km):			
Important note: Some specifications of this make/model may have lower CO ₂ emissions than this. Check with your dealer.			

Note that this is the mandatory section of the label, as set out in “The Passenger Car (Fuel consumption and CO2 Emissions Information) Regulations 2001 (as amended)”

Make /Model – the make is usually the name of the manufacturer. Only cars built by manufacturers to European M1 standards will need to display a label. They do not include makers of low-volume cars, or those that build 4 wheeled 'L' class vehicles. Model definitions are taken from the EC Type Approval documentation, so may differ slightly from final commercial descriptions that include trim levels.

Engine capacity (cc) – often referred to as the engine size in cubic centimetres (cc). Not applicable for Pure Electric cars.

Fuel-type – “Electricity” is the only fuel type relevant.

Transmission – As this information is not shown on the vehicle’s Certificate of Conformity, this will be shown as “N/A”.

Fuel consumption - Not applicable for Pure Electric cars.

CO2 emissions [g/km] - The actual CO2 value of the car on display will be shown here, and in the black box above – zero for Pure electric cars.

A larger version of the latest label can be downloaded here: <http://carfueldata.direct.gov.uk/downloads/default.aspx> (*opens in a new browser window*)

Manufacturers wishing to find out more about our POS system (or obtain a full suite of labels) are invited to contact us on +44 (0)117 9524109, or by e-mailing us at fuel@vca.gov.uk.