

# XL1 – World's most efficient car

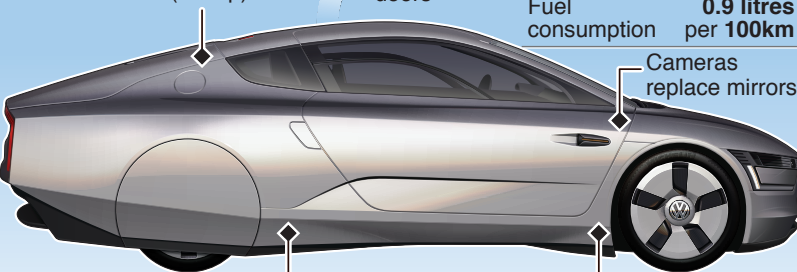
Volkswagen's XL1 hybrid can travel 100 kilometers on less than one litre of fuel. Its lightweight construction features exotic materials, including a carbon fibre reinforced polymer (CFRP) chassis and doors

**Engine:** 800cc turbocharged 2-cylinder diesel, 35kW (47bhp), fuelled by 10-litre tank  
**E-motor:** 20kW (27bhp)

Dry weight	<b>795kg</b>
0-100km/h	<b>12.7 seconds</b>
Top speed	<b>160km/h</b>
Fuel consumption	<b>0.9 litres per 100km</b>

Gullwing doors

Cameras replace mirrors



**Monocoque:** High-strength CFRP survival space

Wheelbase: 2,244mm

Lithium-ion battery: 5.5kWh

Drive unit

Running gear

Fittings Electrical system

Bodywork

**227kg**

**153kg**

**80kg**

**105kg**

**230kg**

**TOTAL 795kg**



Instrument binnacle and nav screen from **Up** city car

**DSG:** Seven-speed **direct-shift gearbox**. Automated use of three clutches – two in DSG and one between e-motor and diesel – ensures smooth start-up

**Range:** 50km in full electric mode, more than 1,100km on full tank and charge