

VOLVO XC60

PLUG-IN HYBRID CONCEPT CAR

FACTS

Four-cylinder, 2.0-litre, turbocharged direct-injected gasoline engine driving the front wheels

Max power..... 280 hp (206 kW) @ 5,700 rpm
Max torque..... 280 lb.-ft. (380 Nm) @ 1,800 - 4,500 rpm

Electric motor driving the rear wheels

Max power..... 70 hp (50 kW)
Max torque..... 148 lb.-ft. (200 Nm)

Integrated Starter/Generator

Additional max power 45 hp (34 kW)
Additional max torque 111 lb.-ft. (150 Nm)

Combined max power output..... 350 hp (256 kW)

Transmission..... AWF22 8-speed automatic gearbox

Fuel economy US*..... 105 mpg (miles per gallon equivalent),
during 34 miles (PURE mode), 83 g/mile CO₂

Combined fuel economy* 50 mpg, (HYBRID mode), 175 g/mile CO₂

Electric range..... 35 miles*
45 km**

Fuel consumption EU** 2.3 litres/100 km (102 mpg), 53 g/km CO₂

Acceleration 0-60 mph..... 5.8 sec

Acceleration 0-100 km/h 6.1 sec

Battery..... Lithium-ion battery

Battery capacity/output..... 12 kWh, of which 8 kWh is used to power the car

Charging time 3.5 h (220V/12A), 7.5 h (110V/12A)

Battery location Under luggage floor

Total range..... Up to 600 miles (960 km)

Top speed..... 130 mph (210 km/h)

Tank volume 14 US gal (53 litres)

Luggage capacity To waistline (ISO V211) 14.5 cu ft (410 litres)
To roof (ISO V215) 20.1 cu ft (570 litres)

Towing capacity 3,300 lbs (1,500 kg)

Tyres 265/40 R 21 Pirelli Scorpion Verde