



## Technical Data

<b>Chassis and body</b>	
Frame	Structural aluminium spaceframe, based on aluminium extruded parts welded to aluminium casted joint elements.
Body	Aluminium with thermoplastic "hang on" parts
Engine bonnet	Carbon fiber bonnet with polycarbonate transparent part
Suspension	Aluminium double wishbones front and rear suspension system, anti-roll bar, anti-dive and anti-squat
ESP	Full ESP system with ABS, ASR and ABD
Brakes	Power vacuum, aluminium alloy calipers: 8 piston front calipers and 4 piston rear calipers. Ventilated discs: Ø 365 x 34 mm front - Ø 335 x 32 mm rear
Steering	Power-assisted rack and pinion
Kerb to kerb turning circle	11.5 m
Tyres	Pirelli PZero Corsa 235/35 ZR 19 - 295/30 ZR 19
Rims	Aluminium alloy: 8.5" x Ø 19" - 11" x Ø 19"
Rear spoiler	Fixed wing
Air bags	Front "dual stage" driver and passenger airbags. Side "head-thorax" airbags only on standard seats.
<b>Engine</b>	
Type	10 cylinders V 90°, DOHC 4 valves, 18° crankpin offset
Displacement	4961 cc
Compression	11:1
Bore and stroke	Ø 82.5 mm x 92.8 mm
Intake system	Variable geometry
Valve gear	chain driven, intake and exhaust continuously variable valve timing, electronically controlled
Maximum power	390 kW (530 PS/522 HP) at 8000 rpm
Maximum torque	510 Nm at 4250 rpm
Cooling system	Two water radiators + gearbox oil cooler + engine oil cooler
Engine management	Electronic Lamborghini L.I.E., with individual static ignition, multipoint sequential fuel injection, Drive-by-Wire system, OBD system
Lubrication System	Dry sump
<b>Drivetrain</b>	
Transmission type	Permanent 4-wheel drive with viscous traction system
Gearbox	6 speed + reverse. As optional, robotized sequential e.gear system with actuation by paddles on the steering column
Gears	I = 1:3.313; II = 1:2.053, III = 1: 1.458; IV = 1: 1.138; V = 1:0.939; VI = 1:0.784; reverse = 1:2.813



Final drive	1:1.320
Clutch	Double plate Ø 215 mm
Rear differential	45% limited slip
Front differential	Slip limitation by ABD function
<b>Performance</b>	
Maximum speed	315 km/h
Acceleration 0-100 kph	3.8 s
<b>Dimensions</b>	
Wheelbase	2560 mm
Length	4300 mm
Width	1900 mm
Height	1165 mm
Weight ("dry"-no fuel)	1330 kg (EU), 1360 kg (USA)
<b>Capacities</b>	
Fuel tank	90 litres
Engine oil	10 litres
Engine coolant	20 litres
<b>Consumption EU (following DIR. EC/1999/100/CE)</b>	
Urban	24.8 l/100 km
Extra-urban	12.4 l/100 km
Combined	17.0 l/100 km
CO2 emissions	400 g/km
<b>USA fuel consumption (following USA EPA regulations)</b>	
<b>Manual transmission</b>	
City	10 mpg
Highway	17 mpg
Combined	13 mpg
<b>E.gear transmission</b>	
City	11 mpg
Highway	17 mpg
Combined	13 mpg