

Technical Data

Lamborghini Gallardo Superleggera

Body	
Frame	Structural aluminium spaceframe, based on aluminium extruded parts welded to aluminium casted joint elements
Body	Aluminium with thermoplastic parts
Engine bonnet	Carbon fiber bonnet with polycarbonate transparent part
Rear spoiler	Fixed wing
Airbags	Front "dual stage" driver and passenger airbags
Chassis	
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
Brake discs	Ventilated discs: Ø 365 x 34 mm front, Ø 335 x 32 mm rear
Brake calipers	Power vacuum, aluminium alloy calipers: 8 piston front calipers and 4 piston rear calipers
Steering	Power-assisted rack and pinion
Kerb to kerb turning circle	11.5 m
Tyres	Pirelli P Zero Corsa 235/35 ZR 19 front, 295/30 ZR 19 rear
Rims	Aluminium alloy: 8.5" x Ø 19" front, 11" x Ø 19" rear
Engine	
Type	10 cylinders V 90°, DOHC 4 valves, 18° crankpin offset
Displacement	4961 cc
Compression	11,0:1
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/523 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
Drivetrain	
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	1:3.077
Clutch	Double plate Ø 215 mm
Rear differential	45% limited slip
Front differential	Slip limitation by ABD function
Performance	
Maximum speed	315 kp/h
Acceleration 0-100 kph	3.8 s
Dimensions	
Wheelbase	2560 mm
Length	4300 mm
Width	1900 mm
Height	1165 mm
Weight ("dry")	1330 kg (EU), 1360 kg (USA)
Capacities	
Fuel tank	90 litres
Engine oil	10 litres
Engine coolant	20 litres
Consumption EU (following DIR. EC/1999/100/CE)	
Urban	24.8 l/100 km
Extra-urban	12.4 l/100 km
Combined	17.0 l/100 km
CO ₂ emissions	400 g/km
USA fuel consumption (following USA EPA regulations)	
Manual transmission	
City	10 mpg
Highway	17 mpg
Combined	13 mpg
E.gear transmission	
City	11 mpg
Highway	17 mpg
Combined	13 mpg