

8. Technical specifications

		X6 xDrive35i	X6 xDrive50i	X6 xDrive30d	X6 xDrive35d
Body					
No of doors/seats		5/4	5/4	5/4	5/4
Length/width/height	mm	4,877/1,983/1,690 ¹⁾	4,877/1,983/1,690 ¹⁾	4,877/1,983/1,690 ¹⁾	4,877/1,983/1,690 ¹⁾
Wheelbase	mm	2,933	2,933	2,933	2,933
Track, front/rear	mm	1,644/1,706	1,644/1,706	1,644/1,706	1,644/1,706
Turning circle	m	12.8	12.8	12.8	12.8
Tank capacity	approx	85	85	85	85
Cooling system incl heater	l	10.9	17.2	10.4	10.4
Engine oil ⁴⁾	l	6.5	8.0	7.5	7.5
Transmission fluid	l	lifetime	lifetime	lifetime	lifetime
Final drive fluid	l	lifetime	lifetime	lifetime	lifetime
Weight, unladen to EU (DIN)	kg	2,145 (2,070)	2,265 (2,190)	2,150 (2,075)	2,185 (2,110)
Max load	kg	600 (650) ²⁾	650	600 (650) ²⁾	600 (650) ²⁾
Max permissible load	kg	2,670 (2,720) ²⁾	2,840	2,675 (2,725) ²⁾	2,710 (2,760) ²⁾
Max axle load, front/rear	kg	1,280/1,470 (1,290/1,510) ²⁾	1,400/1,520	1,280/1,470 (1,290/1,510) ²⁾	1,320/1,480 (1,330/1,520) ²⁾
Max trailer load braked (12%)	kg	2,700/750	3,500/750	2,700/750	2,700/750
Max roofload/max download	kg	100/120	100/140	100/120	100/120
Luggage comp to DIN	l	570–1,450	570–1,450	570–1,450	570–1,450
Air drag	C _d x A	0.34 x 2.82	0.36 x 2.82	0.33 x 2.82	0.34 x 2.82
Engine					
Config/No of cyls/valves		in-line/6/4	V/8/4	in-line /6/4	in-line /6/4
Engine management		MSD81	MSD85	DDE6.2.6	DDE6.2.6
Capacity	cc	2,979	4,395	2,993	2,993
Bore/stroke	mm	84.0/89.6	89.0/88.3	84.0/90.0	84.0/90.0
Compression ratio	:1	10.2	10.0	17.0	17.0
Fuel grade		RON 95–98	RON 95–98	Diesel	Diesel
Max output	kW/bh	225/306	300/407	173/235	210/286
at	rpm	5,800–6,250	5,500–6,400	4,000	4,400
Max torque	Nm	400	600	520	580
at	rpm	1,300–5,000	1,750–4,500	2,000–2,750	1,750–2,250
Electrical System					
Battery/installation	Ah/–	90/luggage comp	90/luggage comp	90/luggage comp	90/luggage comp
Alternator	A/W	210/2,940	210/2,940	170/2,380	170/2,380
Chassis					
Suspension, front		Double track arm axle; small, negative steering roll radius; anti-dive			
Suspension, rear		Integral axle; space-effect suspension with anti-squat and anti-dive			
Disc brakes, front	mm	Two-piston floating calliper	Single-pist frame calliper	Single-piston floating calliper	Single-piston floating calliper
Diameter		365 x 36, vented	385 x 36, vented	348 x 30, vented	365 x 36, vented
Disc brakes, rear		Single-piston swing calliper			
Diameter	mm	345 x 24, vented	385 x 24, vented	320 x 20, vented	345 x 24, vented
Driving stability systems		DCS III (HDC, DBC, ABS, ASC-X, ADB-X, DTC, Trailer Stability Control)			
Steering					
Steering transmission, overall					
Type of gearbox		Six-speed automatic with Steptronic, electronic gear selector lever and shift paddles			
Gear ratios I	:1	4.171	4.171	4.171	4.171
II	:1	2.340	2.340	2.340	2.340
III	:1	1.521	1.521	1.521	1.521
IV	:1	1.143	1.143	1.143	1.143
V	:1	0.867	0.867	0.867	0.867
VI	:1	0.691	0.691	0.691	0.691
R	:1	3.403	3.403	3.403	3.403
Final drive	:1	3.909	3.636	3.636	3.636
Tyres, front/rear		255/50 R19 107V XL RSC	255/50 R19 107W XL RSC	255/50 R19 107V XL RSC	255/50 R19 107V XL RSC
Rims, front/rear		9J x 19 light-alloy	9J x 19 light-alloy	9J x 19 light-alloy	9J x 19 light-alloy

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Performance					
Power-to-weight ratio to DIN	kg/kW	9.2	7.3	12.0	10.0
Output per litre	kW/l	75.5	68.3	57.8	70.2
Acceleration 0–62mph	s	6.7	5.4	8.0	6.9
0–1000 m/h	s	27.2	24.6	29.1	27.3
In 4th/5th gear 50-75mph	s	–/–	–/–	–/–	–/–
Top speed	mph	149	155	130 (137) ³⁾	147
Fuel Consumption in EU Cycle					
Urban	mpg	19.0 14.0	16.0	27.2	26.9
Extra-urban	mpg	32.8	29.7	40.4	39.8
Composite	mpg	25.9	22.6	34.4	34.0
CO ₂	g/km	262	299	217	220
Miscellaneous					
Emission rating		EU4	EU4	EU4	EU4
Embankment angle, front/rear	°	25.1/25.5	25.1/25.5	25.1/25.5	25.1/25.5
Ramp angle	°	19.1	19.1	19.1	19.1
Ground clearance, unladen	mm	212	212	212	212
Perm. all-wheel drive		variable	variable	variable	variable

Specifications in ACEA markets/data relevant to homologation in part for Germany only (weight)

¹⁾ Height incl roof railing: 1,699 mm

²⁾ With Adaptive Drive and/or self-levelling with pneumatic suspension

³⁾ With high-speed set-up (market-specific)

⁴⁾ Oil change amount