



2/2012

Valid from
4/2012

		BMW X6 xDrive35i	BMW X6 xDrive50i
Body			
No of doors/seats		5 / 4 (5) ¹⁾	5 / 4 (5) ¹⁾
Length/width/height (unladen)	mm	4877 / 1983 / 1699 ²⁾	4877 / 1983 / 1699 ²⁾
Wheelbase	mm	2933	2933
Track, front/rear	mm	1644 / 1706	1644 / 1706
Turning circle	m	12.8	12.8
Tank capacity	app ltr	85	85
Cooling system incl heater	ltr	10.9	17.2
Engine oil ³⁾	ltr	6.5	8.5
Weight, unladen, to DIN/EU	kg	2070 / 2145	2190 / 2265
Max load to DIN	kg	600 (650) ⁴⁾	600 (650) ⁴⁾
Max permissible	kg	2670 (2720) ⁴⁾	2790 (2840) ⁴⁾
Max axle load, front/rear	kg	1275 / 1475 (1275 / 1515) ⁴⁾	1375 / 1490 (1375 / 1530) ⁴⁾
Max trailer load (12%), braked/unbraked	kg	2700 (3500) ⁵⁾ / 750	2700 (3500) ⁵⁾ / 750
Max roofload/max towbar downl	kg	100 / 120 (140) ³⁾	100 / 120 (140) ³⁾
Luggage comp capacity	ltr	570-1450	570-1450
Air drag	Cd x A	0.34 x 2.82	0.36 x 2.82
Engine			
Config/No of cyls/valves		In-line / 6 / 4	V / 8 / 4
Engine technology		BMW TwinPower Turbo with Twin-Scroll turbocharger, direct injection and fully variable valve control (VALVETRONIC)	BMW TwinPower Turbo with two turbochargers and direct injection (High Precision Injection)
Capacity, effective	cc	2979	4395
Stroke / bore	mm	89.6 / 84.0	88.3 / 89.0
Compression ratio	:1	10.2	10.0
Fuel		min ROZ 91	min ROZ 91
Max output	kW/hp	225 / 306	300 / 407
at	rpm	5800	5500-6400
Max torque	Nm/lb-ft	400	600
at	rpm	1200-5000	1750-4500
Electrical System			
Battery/location	Ah/-	90 / luggage comp	90 / luggage comp
Alternator	A/W	210 / 2940	220 / 3080
Driving Dynamics and Safety			
Suspension, front		Double wishbone axle, small steering roll radius, anti-dive	
Suspension, rear		Integral-IV multi-arm axle, anti-squat and anti-dive, optional: air suspension with automatic self-levelling	
Brakes, front		Single-piston swing- calliper disc brakes	Double-piston swing- calliper disc brakes
Diameter	mm	348 x 30 / vented	385 x 36 / vented
Brakes, rear		Single-piston swing-calliper disc brakes	
Diameter	mm	320 x 20 / vented	345 x 24 / vented
Driving stability systems		Standard: DSC incl ABS and DTC Dynamic Traction Control, CBC Cornering Brake Control, DBC Dynamic Brake Control, Dry Braking, Fading Compensation, Start-Off Assistant, DSC cross-linked with xDrive, Dynamic Performance Control, hill descent control HDC, optional: Adaptive Drive	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, active headrests at the front, three-point inertia-reel seat belts on all seats, belt latch tensioners at the front, crash sensors, roll-over sensors, Tyre Defect Indicator	
Steering		Hydraulic rack-and-pinion power steering with servotronic function, optional: Active steering	
Steering transmission, overall	:1	19.5	19.5
Tyres, front/rear		255/50 R19 107V XL RSC	255/50 R19 107V XL RSC
Rims, front/rear		9J x 19 LM	9J x 19 LM

Specifications BMW X6.

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		BMW X6 xDrive35i	BMW X6 xDrive50i
BMW ConnectedDrive			
Comfort	Opt. BMW Assist including Enquiry Service, remote-control function, Real-Time Traffic Information, BMW TeleServices, integration of mobile devices		
Infotainment	Opt: Internet, BMW Online incl Parkinfo, National Info, Google Local Search, News, Realtime Weather, BMW Routes, Office Functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps		
Safety	Opt: Adaptive Headlights with Bending Lights, Adaptive LED Headlights, High-Beam Assistant, Park Distance Control, Side View, back-up camera with Top View, BMW Head-Up Display, Active Cruise Control with Stop & Go, Lane Departure Warning, Speed Limit Info, Automatic/Enhanced Emergency Call		
Transmission			
Type of transmission	Eight-speed automatic transmission with Steptronic function and shifting paddles		
Gear ratios	I	:1	4.714
	II	:1	3.143
	III	:1	2.106
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	R	:1	3.295
Final drive		:1	3.154
Performance			
Power-to-weight ratio (DIN)	kg/kW	9.2	7.3
Output per litre	kW/hp	75.5	68.3
Acceleration 0–100 km/h	sec	6.7	5.4
Standing-start	sec	27.2	24.6
Top speed	km/h	240	250
Offroad characteristics			
Overhang angle front / rear	°	25.1 / 25.5	25.1 / 25.5
Ramp breakover angle	°	19.1	19.1
Ground clearance	mm	212	212
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration, on-demand operation of ancillary units, map-controlled oil pump (BMW X6 xDrive35i), intelligent lightweight technology, air flap control (BMW X6 xDrive35i), a/c compressor detachable, tyres with reduced roll resistance		
Fuel Consumption in EU Cycle			
Urban	ltr/100 km	13.2	17.5
Extra-urban	ltr/100 km	8.3	9.6
Combined	ltr/100 km	10.1	12.5
CO ₂	g/km	236	292
Emission rating		EU5	EU5

Specifications applicable to ACEA markets/homologation data applicable in part only to Germany (weights, top speed)

- 1) With optional third seat in rear
- 2) Height without roof antenna: 1690 mm
- 3) Oil change
- 4) With Adaptive Drive and / or levelling system with air suspension
- 5) With option extended trailer load in combination with levelling system incl. air suspension