

Specifications BMW X6. X6 xDrive35i, X6 xDrive50i



3/2012

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) ⁵⁾	100 / 120 (140) ⁵⁾
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	AW 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 floating- calliper disc brakes	Double-piston floating- calliper disc brakes
Diameter	mm 348 x 30 / vented	385 x 36 / vented
Brakes, rear	Single-piston floating-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

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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	4.714
	II	:1	3.143	3.143
	III	:1	2.106	2.106
	IV	:1	1.667	1.667
	V	:1	1.285	1.285
	VI	:1	1.000	1.000
	VII	:1	0.839	0.839
	VIII	:1	0.667	0.667
	R	:1	3.295	3.317
Final drive		:1	3.154	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