

Specifications BMW X6. X6 M50d



BMW X6 M50d		
Body		
No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4909 / 1989 / 1702
Wheelbase	mm	2933
Track, front/rear	mm	1640 / 1700
Turning circle	m	12.8
Tank capacity	app ltrl	85
Cooling system incl. heater	ltr	15.4
Engine oil ¹⁾	ltr	6.5
Weight, unladen, to DIN/EU	kg	2185 / 2260
Max load to DIN	kg	715
Max permissible	kg	2900
Max axle load, front/rear	kg	1400 / 1570
Max trailer load (12%), braked/unbraked	kg	2700 (3000 ²⁾) / 750
Max roofload/max towbar download	kg	100 / 140
Luggage comp capacity	kg	550 – 1525
Air resistance	c _d x A	0.36 x 2.83
Engine		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology	M Performance TwinPower Turbo technology with three turbochargers, multi-stage and variable-geometry charging, Common Rail direct injection (max. injection pressure: 2200 bar)	
Capacity, effective	cm ³	2993
Stroke / bore	mm	90.0 / 84.0
Compression ratio	:1	16.0
Fuel grade		Diesel
Max output	kW/hp	280 / 381
at	rpm	4000 – 4400
Max torque	Nm	740
at	rpm	2000 – 3000
Electrical System		
Battery/installation	Ah/–	105 / luggage comp
Alternator	A/W	220 / 3080
Driving Dynamics and Safety		
Suspension, front	Double track control arm with M-specific elastokinematics, damping and suspension tuning, small, negative steering roll radius, anti-dive	
Suspension, rear	Integral-V rear axle with M-specific elastokinematics, damping and suspension tuning, spatial suspension with anti-squat and anti-dive, air suspension with automatic self-levelling	
Brakes, front	Twin-piston floating-calliper disc brakes	
Diameter	mm	385 x 36 / inner-vented
Brakes, rear	Single-piston floating-calliper disc brakes	
Diameter	mm	345 x 24 / inner-vented
Driving stability systems	Standard: DSC incl. ABS and Dynamic Traction Control (DTC), Cornering Brake Control (CB), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant; DSC linked to xDrive all-wheel- drive, Automatic Differential Brake (ADB-X), Hill Descent Control (HDC), Dynamic Damper Control; optional in conjunction with the adaptive suspension package Dynamic: active roll stabilisation, Dynamic Performance Control	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, crash-activated head restraints at the front, three-point inertia-reel seatbelts on all seats with integrated belt latch tensioner and belt force limiter at the front, crash sensors, rollover sensors, Tyre Pressure Control	
Steering	Electric Power Steering (EPS) with M-specific Servotronic	
Steering transmission, overall	:1	19.1
Tyres, front/rear	255/50 R19 107 W XL RSC / 285/45 R19 111 W XL RSC	
Rims, front/rear	9J x 19 light-alloys / 10J x 19 light-alloys	

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BMW ConnectedDrive			
Comfort		Optional: Concierge Services, Remote Services, Real Time Traffic Information, BMW TeleServices, integration of mobile devices	
Infotainment		Optional: internet access, BMW Online incl. Park Info, National Info, Google Services, News, Realtime Weather, BMW Routes, Office functions, Bluetooth Audio Streaming and Online Update Music Tracks, Online Entertainment, apps	
Safety		Optional: Adaptive Headlights with turning lights, anti-dazzle High Beam Assistant, Park Distance Control, rear-view camera, Surround View, BMW Night Vision with human and animal detection and Dynamic Light Spot, Head-Up Display, Parking Assistant, Lane Change Warning, Lane Departure Warning, Collision Warning with braking function, Active Cruise Control with Stop & Go function and full braking to standstill, Traffic Jam Assistant, Speed Limit Info with No Passing Info, Active Protection with Attention Assistant, Automatic/Enhanced Emergency Call (as standard)	
Transmission			
Type of gearbox		Eight-speed sport automatic transmission with Steptronic	
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.313
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.478
Final drive		:1	3.154
Performance			
Power-to-weight ratio (DIN)	kg/kW		7.8
Output per litre	kW/ltr		93.6
Acceleration	0–100 km/h	sec	5.2
	0–1000 m	sec	3)
Top speed	km/h		250
Off-Road Specifications			
Overhang angle, front/rear			25.0 / 22.5
Ramp angle		°	20.0
Ground clearance unladen		mm	212
Fording depth (at 7 km/h)		mm	500
BMW EfficientDynamics			
BMW EfficientDynamics, standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, map-controlled oil pump, intelligent lightweight construction, optimised aerodynamic attributes, active air vents, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance, BMW BluePerformance technology	
Fuel Consumption EU			
Urban	ltr/100km		7.2
Extra-urban	ltr/100km		6.3
Combined	ltr/100km		6.6
CO ₂	g/km		174
Emission rating			EU6

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

- 1) Oil change
- 2) With optional increased towbar download (country-specific)
- 3) Data not yet available