



2/2012

Valid from  
4/2012

BMW X6 M		
<b>Body</b>		
No of doors / seats		5 / 4 (5) <sup>1)</sup>
Length/width/height (unladen)	mm	4876 / 1983 / 1684
Wheelbase	mm	2933
Track, front/rear	mm	1660 / 1672
Turning circle	m	12.8
Tank capacity	approx	85
Cooling system incl heater	ltr	17.0
Engine oil <sup>2)</sup>	ltr	8.5
Weight, unladen, to DIN/EU	kg	2305 / 2380
Max load to DIN	kg	600
Max permissible	kg	2905
Max axle load, front/rear	kg	1400 / 1520
Max trailer load (12%), braked/unbraked	kg	3000 / 750
Max roofload/max towbar downld	kg	100 / 120
Luggage comp capacity	ltr	570 – 1450
Air resistance	C <sub>D</sub> x A	0.38 x 2.85
<b>Engine</b>		
Config/No of cyls/valves		V90 / 8 / 4
Engine technology		M TwinPower Turbo Technology with exhaust gas manifold connecting both rows of cylinders. Twin Scroll Twin Turbo technology. High Precision Injection. double-VANOS
Capacity, effective	cc	4395
Stroke / bore	mm	88.3 / 89.0
Compression ratio	:1	9.3
Fuel grade		min RON 95
Max output	kW/hp	408 / 555
at	rpm	6000
Max torque	Nm/lb-ft	680 / 501
at	rpm	1500 – 5650
<b>Electrical System</b>		
Battery/installation	Ah/–	90 / luggage comp
Alternator	A/W	210 / 2940
<b>Driving Dynamics and Safety</b>		
Suspension, front		Double wishbone axle with M-specific elastokinematics; small, negative steering roll radius, anti-dive
Suspension, rear		Integral-IV rear axle with M-specific elastokinematics, multi-dimensional suspension, anti-squat and anti-dive, air suspension with automatic ride height control
Brakes, front		Four-piston swing-calliper disc brakes
Diameter	mm	395 x 36, vented
Brakes, rear		Single-piston swing-calliper disc brakes
Diameter	mm	385 x 24, vented
Driving stability systems		Standard: DSC incl ABS and M Dynamic Mode, CBC Cornering Brake Control, DBC Dynamic Brake Control, ADB-X electronic differential lock, Dry Braking, Fading Compensation, Start-Off Assistant; Dynamic Stability Control interacting with xDrive all-wheel drive system, Dynamic Performance Control, HDC Hill Descent Control, Adaptive Drive
Safety features		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, crash-activated headrests at the front, three-point inertia-reel seat belts on all seats, with belt latch tensioners, belt force limiters and belt stoppers at the front, crash sensors, rollover sensors, Tyre Defect Indicator
Steering		Hydraulic rack-and-pinion steering, power-assisted, with M-specific Servotronic function
Steering transmission ratio,	:1	19.5
Tyres, front/rear		275/40 R20 106Y XL RSC / 315/35 R20 110Y XL RSC
Wheels, front/rear		10J x 20 light-alloy / 11J x 20 light-alloy

# Specifications BMW X6 M.

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<b>BMW X6 M</b>			
<b>BMW ConnectedDrive</b>			
Comfort	Optional: BMW Assist including features such as Enquiry Service, remote-control functions and Real-Time Traffic Information, BMW TeleServices, integration of mobile devices		
Infotainment	Optional: access to the internet, BMW Online including Parkinfo, National Info, Google Directory Search, news, weather in real time, office functions, BMW Routes, Bluetooth audio streaming, online music title update, Apps		
Safety	Standard: Adaptive LED Headlights, Park Distance Control, Head-Up Display, cruise control with brake function; optional: back-up camera with Top View, Side View, Speed Limit Info, High-Beam Assistant, Automatic/Enhanced Emergency Call		
<b>Transmission</b>			
Type of transmission	Six-speed M automatic sports gearbox with Steptronic, electronic gearshift lever and shift paddles on the steering wheel		
Gear ratios	I	:1	4.171
	II	:1	2.340
	III	:1	1.521
	IV	:1	1.143
	V	:1	0.867
	VI	:1	0.691
	R	:1	3.403
Final drive		:1	3.909
<b>Performance</b>			
Power-to-weight ratio (DIN)	kg/kW		5.6
Output per litre	kW/hp		92.8 / 126.2
Acceleration	0–100 km/h	sec	4.7
	0–200 km/h	sec	16.9
	standing-start	sec	23.5
In fourth/fifth gear	80–120	sec	4.3 / 5.1
Top speed	km/h		250 (275) <sup>3)</sup>
<b>Offroad characteristics</b>			
Overhang angle, front/rear	°		22 / 21.5
Ramp angle	°		18.6
Ground clearance, unladen	mm		205
<b>BMW EfficientDynamics</b>			
BMW EfficientDynamics, standard features	Brake Energy Regeneration, on-demand control of ancillary units, intelligent lightweight construction, detachable a/c compressor, anti-roll stability control with on-demand pump action		
<b>Fuel Consumption in EU Cycle</b>			
Urban	litr/100km		19.3
Extra-urban	litr/100km		10.8
Combined	litr/100km		13.9
CO <sub>2</sub>	g/km		325
Emission rating			EU5

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

<sup>1)</sup> With optional third seat in rear

<sup>2)</sup> Oil change

<sup>3)</sup> In conjunction with optional M Driver's Package