

Specifications BMW X6. Active Hybrid X6



9/2011

Valid from
9/2011

BMW ActiveHybrid X6			
Body			
No of doors/seats			5 / 4
Length/width/height ¹⁾ (unladen)	mm		4877 / 1983 / 1697
Wheelbase	mm		2933
Track, front/rear	mm		1644 / 1706
Turning circle	m		12.8
Tank capacity	app ltr		85
Cooling system incl heater	ltr		21.8
Engine oil ¹⁾	ltr		8.5
Weight, unladen, to DIN/EU	kg		2450 / 2525
Max load to DIN	kg		575
Max permissible	kg		3025 / 3100
Max axle load, front/rear	kg		1460 / 1590
Max trailer load (12%), braked/unbraked	kg		2000 / 750
Max roofload/max towbar	kg		100 / 120
Luggage capacity	ltr		470-1350
Air drag	Cd x A		0.36 x 2.82
Gasoline engine			V / 8 / 4
Config/No of cyls/valves			
Engine technology		BMW TwinPower Turbo with two turbochargers an direct injection (High Precision Injection)	
Capacity, effective	cc		4395
Stroke / bore	mm		88.3 / 89
Compression ratio	:1		10.0
Fuel grade			min 91 RON
Max output	kW/hp		300 / 407
at	rpm		5500-6400
Max torque	Nm/lb-ft		600 / 442
at	rpm		1750-4500
Electric motor 1			Electric synchronous motor
Configuration			
Max output	kW/hp		67 / 91
at	rpm		2750
Max torque	Nm/lb-ft		260 / 192
at	rpm		0
Electric motor 2			Electric synchronous motor
Configuration			
Max output	kW/hp		63 / 86
at	rpm		2500
Max torque	Nm/lb-ft		280 / 206
at	rpm		0
Overall system output	KW/hp		357 / 485
Overall system torque	Nm/lb-ft		780 / 575
Electrical System			
Battery/location	Ah/-		2 x 70 / luggage compartment
High-voltage battery/location	kWh/-		2.4 / luggage compartment
Transmission			
Type		Seven-speed automatic transmission, electronic gear selector lever, shift paddles on steering wheel	
Gear ratios	I	:1	3.889
	II	:1	2.619
	III	:1	1.800
	IV	:1	1.300
	V	:1	1.000
	VI	:1	0.825
	VII	:1	0.723
	Reverse	:1	variable
Final drive		:1	3.636

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Driving Dynamics and Safety		
Suspension, front	Double track arm axle	
Suspension, rear	Integral-IV axle in lightweight steel, air suspension with automatic self-levelling	
Brakes, front	Single-piston frame-calliper disc brakes	
Diameter	mm	385 x 36 / vented
Brakes, rear	Single-piston swing-calliper disc brakes	
Diameter	mm	345 x 24 / vented
Driving stability systems	Standard: DSC incl ABS, ASC, ADB-X, DTC Dynamic Traction Control, CBC Cornering Brake Control, DBC Brake Assistant, Hill Descent Control, Trailer Stability Control, Dry Braking, Brake Standby, Fading Compensation, Start-Off Assistant, Auto Hold, networked with intelligent xDrive all-wheel drive	
Safety equipment	Standard: frontal 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 belts on all seats at the front with belt stoppers, belt latch tensioners and belt force limiters, crash sensors, rollover sensor system, Tyre Defect Indicator with individual pressure control on each wheel	
Steering	Rack-and-pinion steering; 3,1 turns; Electronic Power Steering (EPS)	
Steering ratio, overall	:1	19.5
Permanent all-wheel drive/ power distribution	variable	
Tyres, front/rear	255/50 R19 107V XL RSC	
Rims, front/rear	9J x 19 light-alloy	
BMW ConnectedDrive		
Comfort	Optional: BMW Assist featuring Inquiry Service, remote control functions, Real-Time Traffic Information, BMW TeleServices, integration of mobile devices	
Infotainment	Optional: access to the internet, BMW Online incl Parkinfo, NationalInfo, Google directory, News, real-time weather, BMW Routes, Office Functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps	
Safety	Optional: Adaptive Headlights with Bending Lights, High-Beam Assistant, Park Distance Control, back-up camera with Top View, Head-Up Display, cruise control, Automatic/Enhanced Emergency Call	
Performance		
Power-to-weight ratio	kg/kW	8.2
Output per litre	kW/ltr	68.3
Acceleration 0–100 km/h	sec	5.6
Standing start	sec	24.9
Top speed	km/h(mph)	236 (146)
Top speed, electric	km/h(mph)	60 (37)
Fuel consumption in EU		
Urban	ltr/100 km	10.8
Extra-urban	ltr/100 km	9.4
Combined	ltr/100 km	9.9
CO ₂	g/km	231
Emission rating	EU5	
Miscellaneous		
Overhang angle, front/rear	°	26.1 / 25.9
Ramp angle	°	19.7
Ground clearance on unladen weight	mm	219

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

¹⁾ Height without roof aerial: 1675 mm

²⁾ Oil change

BMW
Media
Information

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