

Specifications.

BMW ActiveHybrid X6.



BMW ActiveHybrid X6

Body

No of doors/seats		5 / 4
Length/width/height (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, High Precision Injection

Capacity, effective	cc	4395
Stroke / bore	mm	88.3 / 89
Compression ratio	:1	10.0
Fuel grade		Min 95 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 3.640

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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 107W XL RSC
Rims, front/rear		9J x 19 light-alloy
BMW ConnectedDrive		
Comfort		Optional: BMW Assist featuring Inquiry Service, remote control functions and V-Info+, BMW TeleServices, integration of mobile terminals
Infotainment		Optional: access to the internet, BMW Online incl Parkinfo, NationalInfo, Google directory, News, real-time weather, Office functions, BMW Routes and music title update online
Safety		Optional: Adaptive Headlights with Bending Lights, High-Beam Assistant, Park Distance Control, Top View, back-up camera, BMW Night Vision, 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⁾ Oil change