

Specifications BMW ActiveHybrid 3.



BMW ActiveHybrid 3		
Body		
No of doors/seats		4 / 5
Length/width/height (unladen)	mm	4624 / 1811 / 1429
Wheelbase	mm	2810
Track, front/rear	mm	1531 / 1572
Ground clearance	mm	140
Turning circle	m	11,3
Fuel Tank capacity	app ltr	57
Cooling system incl heater	ltr	9,3
Engine oil ¹⁾	ltr	6,5
Weight, unladen, to DIN/EU	kg	1655 / 1730
Max load to DIN	kg	530
Max permissible	kg	2185
Max axle load, front/rear	kg	1020 / 1230
Max trailer load (12%), braked/unbraked	kg	--- / ---
Max roofload/max towbar downl	kg	75 / --
Luggage comp capacity	ltr	390
Air drag	Cd x A	0,29 x 2,20
Power Unit		
Config/No of cyls/valves		In line- six / 4
Engine technology		BMW TwinPower Turbo technology with twin- scroll turbocharging, High Precision Direct Petrol Injection and fully variable valve control (VALVETRONIC)
Capacity, effective	cc	2979
Stroke / bore	mm	89,6 / 84,0
Compression ratio	:1	10,2
Fuel		min ROZ 91
Max output	kW/hp	225 / 306
at	rpm	5800-6000
Max torque	Nm/lb-ft	400
at	rpm	1200-5000
Output electric motor	kW/hp	40 / 55
Torque electric motor	Nm	210
System output	kW/hp	250/ 340
System torque	Nm	450
Electrical System		
Battery/location	Ah/-	90 + 40 / luggage comp
High-voltage battery		1350
Alternator	A/W	200 + 170 / 2800 +
Driving Dynamics and		
Suspension, front		Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in lightweight construction
Brakes, front		Single-piston swing-calliper disc brakes / vented
Brakes, rear		Single-piston fixed-calliper disc brakes / vented
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front, crash-activated head restraints at the front, crash sensors, Tyre Defect
Steering		Electric Power Steering (EPS), optional: Servotronic Function, Variable Sport Steering
Steering transmission, overall	:1	15,1
Tyres, front/rear		225/50 R17 94W
Rims, front/rear		7,5J x 17 light-alloy

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BMW ConnectedDrive		
Comfort	Optional: BMW Assist incl. Enquiry Service, remote-control functions and V-Info+ (Traffic Info plus), RTTI, BMW TeleServices, mobile device integration	
Infotainment	Optional: internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Realtime Weather, BMW Routes, Office functions, Bluetooth Audio Streaming and Online Update Music Tracks	
Safety	Optional: Adaptive Headlights with turning lights, variable light distribution and adaptive headlight range adjustment, high beam assistance, park distance control, rear view camera, Surround View incl. Side View and Top View, BMW Head-Up Display, cruise control with brake function, Parking Assistant, Lane Chance Warning, Lane Departure Warning with Collision Warning, speed limit and no passing information, Active Protection, extended emergency call	
Transmission		
Type of transmission	Eight-speed automatic transmission with Steptronic	
Gear ratios	I :1	4,174
	II :1	3,143
	III :1	2,106
	IV :1	1,667
	V :1	1,285
	VI :1	1,000
	VII :1	0,839
	VIII :1	0,667
	Reverse :1	3,317
Final drive	:1	2,813
Performance		
Power-to-weight ratio	kg/kW	7,4
Output per litre	kW/l	75,5
Acceleration 0-100 km/h	sec	5,3
Standing-start km	sec	24,6
Top speed	km/h	250
Top speed electrical		75
Top speed coasting		160
Electrical range		3-4
BMW EfficientDynamics		
BMW EfficientDynamics standard features	BMW ActiveHybrid, Brake Energy Regeneration with energy flow and efficiency display, Coasting- and Green Driving Assistant, hybrid-specific Auto Start-Stop function, EPS (Electric Power Steering), ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, climate compressor integrated in the high-voltage network, map-controlled oil pump, tyres with reduced rolling resistance	
Fuel Consump in EU		
Urban	ltr/100	5,3
Extra-urban	ltr/100	6,4
Combined	ltr/100	5,9
CO ₂	g/km	139
Emission rating		EU5

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

1) Oil change