

Specifications.

The new BMW 6 Series Convertible.

640d xDrive



BMW 640d xDrive Convertible		
Body		
Number of doors/seats		2 / 4
Length/Width/Height (unladen)	mm	4894 / 1894 / 1365
Wheelbase	mm	2855
Track front/rear	mm	1600 / 1665
Ground clearance	mm	123
Turning circle	m	11.7
Tank capacity	appr l	70
Cooling system incl. heating	l	8.0
Engine oil ¹⁾	l	7.2
Weight, unladen, to DINEU	kg	1930 / 2005
Max. load to DIN	kg	450
Max. perm. weight, overall	kg	2440
Max perm axle load front/rear	kg	1180 / 1320
Max perm trailer load (12%) braked/unbraked	kg	- / -
Perm roof load/trail download	kg	- / -
Luggage capacity	l	300-350
Air resistance	cd x A	0.31 x 2.23
Engine		
Configuration/No. of cyls./valves		R / 6 / 4
Engine technology	BMW TwinPower Turbo technology with two turbochargers (Variable Twin Turbo) and Common Rail direct injection with solenoid valve injectors (max. injection pressure: 2000 bar)	
Capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel grade		Diesel
Max output	kW/hp	230 / 313
at	min ⁻¹	4400
Max torque	Nm	630
at	min ⁻¹	1500 - 2500
Electrical system		
Battery/installation	Ah/-	90 / luggage comp
Alternator	A/W	220 / 3080
Driving dynamics and safety		
Suspension, front	Double track control arm with separate lower track arm level, aluminium, small steering roll radius, anti-dive	
Suspension, rear	Integral-V multi-arm axle, aluminium, anti-squat and anti-dive, double acoustic separation	
Brakes, front	Single-piston aluminium floating-calliper disc brakes in frame structure	
Brakes, rear	Single-piston aluminium floating-calliper disc brakes	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant; cross-linking of the four-wheel drive with the stability control system DSC within the Integrated Chassis Management (ICM), optional: Dynamic Damper Control, Adaptive Drive	
Safety features	Standard: airbags for driver and front passenger, side airbags with combined head airbags for driver and front passenger, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter integrated in the front seats, crash-activated head restraints at the front, roll-over protection system, crash sensors, Tyre Defect Indicator	
Steering	Hydraulic rack-and-pinion steering with Servotronic	
Overall steering transmission	:1	18.0
Tyres front/rear		225/55 R17 97Y RSC
Wheels front/rear		8J x 17 LM

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BMW ConnectedDrive				
Comfort		Extras: Enquiry Service, remote-control functions, Real Time Traffic Information, BMW TeleServices, integration of mobile devices		
Infotainment		Extras: Internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Realtime Weather, BMW Routes, Office functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps		
Safety		Extras: Adaptive Headlights with cornering lights, variable light distribution and adaptive headlight range control, High Beam Assistant, Park Distance Control, rear-view camera, Surround View incl. Top View and Side View, BMW Night Vision with pedestrian recognition, Head-Up Display, Active Cruise Control including rear-end collision warning with braking function, Lane Change Warning, Lane Departure Warning, Speed Limit Info incl. No Passing Info, Automatic/Advanced Emergency Call		
Transmission				
Type		Eight-speed automatic with Steptronic		
Gear ratios	I	:1	4.714	
	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	
	R	:1	3.317	
Final drive		:1	2.813	
Performance				
Power-to-weight ratio (DIN)	kg/kW		8.4	
Output per litre	kW/l		76.8	
Acceleration	0–100 km/h	s	5.4	
	0–1000 m	s	25.0	
Top speed	km/h		250	
BMW EfficientDynamics				
BMW EfficientDynamics measures as standard		Brake Energy Regeneration with recuperation display, Auto Start-Stop function, ECO PRO Modus, intelligent lightweight construction, on-demand operation of ancillary units, air flap control, detachable a/c compressor, tyres with reduced rolling resistance		
Fuel consumption EU ²⁾				
With standard wheels and tyres 8J x 17 wheels, 225/55 R17 tyres (SA 2K1)				
Urban	l/100km		7.1	
Extra-urban	l/100km		5.1	
Composite	l/100km		5.9	
CO ₂	g/km		154	
With 8J x 18 wheels and 245/45 R18 tyres and with winter tyres (SA 2SR, 9WR, 931)				
Urban	l/100km		7.2	
Extra-urban	l/100km		5.2	
Composite	l/100km		6.0	
CO ₂	g/km		157	
With 8J x 18 wheels at the front, 9J x 18 at the rear and 245/45 R18 tyres at the front, 275/45 R18 at the rear (SA 2DN), With 8.5J x 19 wheels at the front, 9J x 19 at the rear and 245/40 R19 tyres at the front, 275/35 R19 at the rear (SA 2FB, 2DP), With 8.5J x 20 wheels at the front, 9J x 20 at the rear and 245/35 R20 tyres at the front, 275/30 R20 at the rear (SA 2H9)				
Urban	l/100km		7.3	
Extra-urban	l/100km		5.2	
Composite	l/100km		6.0	
CO ₂	g/km		158	
Emission classification			EU5	

Technical data valid for ACEA markets/part of data relevant to homologation only apply to Germany (weight)

¹⁾ Oil change quantity

²⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format