



6/2012

Valid from  
7/2012

BMW M6 Coupe		
<b>Body</b>		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4898 / 1899 / 1374
Wheelbase	mm	2851
Track, front/rear	mm	1631 / 1612
Ground clearance	mm	106
Turning circle	m	12.1
Tank capacity	approx. l	80
Cooling system incl heating	l	18.5
Engine oil <sup>1)</sup>	l	8.4
Weight, unladen, to DINEU	kg	1850 / 1925
Max load to DIN	kg	500
Max permissible weight	kg	2350
Max axle load, front/rear	kg	1180 / 1220
Max trailer load, braked (12%)/unbraked	kg	- / -
Max roof load/towbar download	kg	- / -
Luggage comp capacity	l	460
Air drag	c <sub>d</sub> x A	0.32 x 2.29
<b>Engine</b>		
Configuration/No of cyls/valves		V90 / 8 / 4
Engine technology		M TwinPower Turbo technology with cross-bank exhaust manifold, Twin Scroll Twin Turbo technology, High Precision Direct Petrol Injection, VALVETRONIC and Double-Vanos
Effective capacity	cm <sup>3</sup>	4395
Stroke/bore	mm	88.3 / 89.0
Compression ratio	:1	10.0
Fuel grade		RON 98 (min 95)
Output	kW/hp	412 / 560
at	min <sup>-1</sup>	6000 – 7000
Torque	Nm	680
at	min <sup>-1</sup>	1500 – 5750
<b>Electrical system</b>		
Battery/Installation	Ah/-	105 / luggage comp
Alternator	AW	210 / 2926
<b>Driving dynamics and safety</b>		
Suspension, front	Double track control arm with M-specific elastokinematics, small, negative steering roll radius, anti-dive	
Suspension, rear	Integral-V multi-arm axle with M-specific elastokinematics, spatial suspension with anti-squat and anti-dive	
Brakes, front	Six-piston fixed-calliper compound disc brakes	
Diameter	mm	400 x 36 / vented
Brakes, rear	Single-piston floating-calliper compound disc brakes	
Diameter	mm	396 x 24 / vented
Driving stability systems	Standard: DSC incl. ABS, ASC and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Start-Off Assistant, M Dynamic Damper Control, Active M Differential, linked to ICM (Integrated Chassis Management)	
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 Indicator	
Steering	Hydraulic rack-and-pinion steering with M-specific Servotronic function	
Steering ratio, overall	:1	13.05
Tyres, front/rear		265/40 R19 102Y 295/35 R19 104Y
Rims, front/rear		9.5J x 19 light-alloy 10.5J x 19 light-alloy

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# Specifications.

BMW M6 Coupe			
BMW ConnectedDrive			
Convenience		Optional: BMW Assist incl. Enquiry Service, remote-control functions, Real Time Traffic Information, BMW TeleServices, integration of mobile devices	
Infotainment		Optional: 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		Optional: 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, Lane Change Warning, Lane Departure Warning incl Collision Warning, Speed Limit Info with No Passing Info, Advanced eCall	
Transmission			
Type of gearbox		Seven-speed M Double Clutch Transmission with Drivelogic	
Gear ratios	I		4.806
	II	:1	2.593
	III	:1	1.701
	IV	:1	1.277
	V	:1	1.000
	VI	:1	0.844
	VII	:1	0.671
	R	:1	4.172
Final drive		:1	3.154
Performance			
Power-to-weight ratio (DIN)	kg/kW		4.5
Output per litre	kW/l		93.7
Acceleration	0–100 km/h	s	4.2
	0–1000 m	s	21.7
in 4 <sup>th</sup> /5th gear	80–120 km/h	s	3.6 / 4.5
Top speed	km/h		250 / 305 <sup>2)</sup>
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration with recuperation display, Auto Start-Stop function, intelligent lightweight construction, on-demand operation of ancillary units, flow rate-controlled power steering pump, tyres with reduced rolling resistance	
Fuel consumption EU			
Urban	l/100 km		14.0
Extra-urban	l/100 km		7.6
Combined	l/100 km		9.9
CO <sub>2</sub>	g/km		232
Emission rating			EU5

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

<sup>1)</sup> Oil change

<sup>2)</sup> In conjunction with optional M Driver's Package