



4/2013

Valid from  
4/2013

BMW M6 Gran Coupe		
<b>Body</b>		
Number of doors/seats		4 / 5
Length/Width/Height (unladen)	mm	5011 / 1899 / 1393
Wheelbase	mm	2964
Track front/rear	mm	1631 / 1612
Ground clearance	mm	107
Turning circle	m	12.5
Tank capacity	appr. l	80
Cooling system incl. heating	l	18.5
Engine oil <sup>1)</sup>	l	8.4
Weight, unladen, to DINEU	kg	1875 / 1950
Max. load to DIN	kg	535
Max. perm. weight, overall	kg	2410
Max. perm. axle load front/rear	kg	1180 / 1260
Max. perm. trailer load (12%) braked/unbraked	kg	—/—
Perm. roof load/trail download	kg	—/—
Luggage capacity	l	460
Air resistance	c <sub>d</sub> x A	0.33 x 2.30
<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
Capacity	cc	4395
Stroke/bore	mm	88.3 / 89.0
Compression ratio	:1	10.0
Fuel grade		RON 98 (min. 95)
Max output	kW/hp	412 / 560
at	rpm	6000 – 7000
Torque	Nm	680
at	rpm	1500 – 5750
<b>Electrical system</b>		
Battery/installation	Ah/—	105/luggage comp
Alternator	A/W	209/2926
<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 features		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 integrated 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
Overall steering transmission	:1	13.1
Tyres front/ rear		265/35 R20 102Y 295/30 R20 104Y
Wheels front/ rear		9.5J x 20 light-alloy 10.5J x 20 light-alloy

# Specifications.

BMW M6 Gran Coupe			
BMW ConnectedDrive			
Convenience		Optional: Concierge Services, 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, Adaptive LED Headlight (standard) Park Distance Control, rear-view camera, Surround View incl. Top View and Side View, BMW Night Vision with pedestrian recognition, Head-Up Display (standard in Germany), Lane Change Warning, Lane Departure Warning incl. Collision Warning, Speed Limit Info with No Passing Info, Advanced eCall	
Transmission			
Type		Seven-speed M Double Clutch Transmission with Drivelogic	
Gear ratios	I	:1	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	4.6
Output per litre		kW/l	93.7
Acceleration	0–100 km/h	s	4.2
	0–1000 m	s	21.8
In 4th/5th gear	80–120 km/h	s	3.6 / 4.5
Top speed		km/h	250 / 305 <sup>2)</sup>
BMW EfficientDynamics			
BMW EfficientDynamics measures as standard		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/100km	14.0
Extra-urban		l/100km	7.6
Composite		l/100km	9.9
CO <sub>2</sub>		g/km	232
Emission classification			EU5

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight)  
All technical specifications are provisional

<sup>1)</sup> Oil change

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