

# Model Specification for G650GS



<b>Engine</b>		<b>Dimensions / weights</b>		<b>Chassis / brakes</b>		<b>Electrical System</b>	
Type	Water cooled single cylinder, 4-stroke engine, 4 valves, 2 overhead camshafts, dry sum lubrication	Length	2165mm	Chassis / brakes	Bridge-type steel section frame with bolted-on rear section	Alternator	Three phase alternator 400W
Bore x stroke	100mm x 83mm	Width (incl.mirrors)	920mm	Front wheel location / suspension	Telescopic fork, ø 41mm, fork stabiliser	Battery	12V / 12Ah
Capacity	652cc	Height (excl.mirrors)	1390mm	Rear wheel location / suspension	Box section steel dual swing arm, central spring strut operated by lever system, spring pre-load hydraulically adjustable (continuously variable) at handwheel,	Performance	
Rated Output	35Kw (48hp) at 6,500rpm	Seat height, unladen weight	780mm (Lowered suspension 750mm)	Suspension travel	170mm / 165mm (Lowered suspension 140mm)	Maximum speed	Approx 170Km/h
Max. torque	60Nm at 5,000rpm	Inner leg curve, unladen weight	1770mm (Lowered suspension 1710mm)	Wheelbase	1477mm	Fuel consumption per 100 km at constant 90 km/h	3.2l
Compression ratio	11.5:1	Unladen weight, road ready fully fuelled	192Kg	Castor	113mm	Fuel consumption per 100 km at constant 120 km/h	4.3l
Mixture control / engine management	Electronic Intake Pipe Injection / BMW engine management, twin spark ignition	Dry weight	175Kg	Steering head angle	61.9o	Fuel type	Unleaded regular, minimum octane rating 91 (RON)
Emission control	Closed loop 3-way catlytic converter, Emission std EU3	Permitted total weight	380Kg	Wheels	Cast aluminium	Transmission	
		Payload (with standard equipment)	188Kg	Rim, front	2.50 x 19"	Clutch	Multiple-disc clutch in oil bath, mechanically operated
		Usable tank volume	14.0l	Rim, rear	3.50 x 17"	Gearbox	Constant mesh 5-speed gearbox integrated into crankcase
		Reserve	4l	Tyres, front	110/80 R19 59V	Drive	Endless O-ring chain with shock damping in rear wheel hub
				Tyres, rear	140/80 R17 69V		
				Brake, front	Single disc, diameter 300mm, double-piston floating caliper		
				Brake, rear	Single disc, diameter 240mm, single-piston floating caliper		
				ABS	Optional extra: BMW Motorrad ABS (can be switched off)		

The technical data stated refers to the current version of the model selected. Due to certain legal regulations in different countries, deviations in the technical data described here can occur. For more details, go to [www.bmw-motorrad.co.za](http://www.bmw-motorrad.co.za)