

BMW Motorrad



G 650 GS

The Ultimate
Riding Machine



ENDURO

UNSTOPPABLE
G 650 GS



THE FUN.

"Why not?" Two words that sum up the spirit of the G 650 GS. All you have to do is get on board and get going. Whether weaving nimbly through city traffic, sprinting along twisting back roads or heading across country, it's an enduro that provides a totally laid-back riding experience. Its sturdy, punchy, low-vibration engine represents the next chapter in the BMW Motorrad single-cylinder success story, delivering simple, uncomplicated thrills. The handling is perfectly in keeping with this, and thanks to the stiff

frame, hard-wearing double swing-arm and the tried-and-tested telescopic fork, it's just a joy to ride. The looks of the G 650 GS also reflect its love of a good time. Its design combines youthful, classic enduro styling with compact size and manoeuvrability, and everything about it says fun.

UNSTOPPABLE ENDURO.





THE THRILL.

Whenever you want to hightail it out of Dodge, the water-cooled single-cylinder engine provides the propulsion. It's a design of proven reliability and endurance, with an output of 48 horsepower at 6,500 rpm and 44 pound/feet of torque at just 5,000 rpm, right where you need it. So you can easily escape the daily grind and get far, far away from it all.

But despite a laid-back personality, the G 650 GS has a serious, practical side. Safety is the best of any single cylinder offering, with large 300 mm front disc/240 mm

rear disc brakes and especially, an optional ABS system – something not offered by any other bike in this class. It's also extremely economical, travelling more than 65 miles for every gallon on regular unleaded.* The G 650 GS is a unique motorcycle: a joy to ride, easy on the wallet, and suited not just for newer riders but for experienced worldwide explorers.

* 3.2 liters per 100 km at a constant 90 km/h

THE FEELING.

With the G 650 GS everything is under control – except your adrenaline levels. On gravel tracks and tarmac roads, in or out of town, the proven suspension design with its central spring strut and double swing-arm delivers precise responses. With 6.7 inches (170 mm) of travel at the front and 6.5 inches (165 mm) at the rear, it absorbs bumps and potholes with no fuss at all. On the G 650 GS, you're always totally relaxed, thanks in no small part to its excellent ergonomics, and a riding position that can be tailored to your needs.

Lowered suspension can be specified as a factory-installed option, reducing seat height to 29.5 inches (750 mm) – and there is also a retrofittable high seat to 32.3 inches (820 mm). So whatever your stature, you'll always be able to put your feet safely on the ground. The handling of the G 650 GS is simply a joy to experience. With a road-ready weight of just 423 pounds (192 kg), wide bars and an upright dual-sport riding position, it almost seems to guide itself around corners. The result is maximum riding enjoyment with minimum effort.



ENGINE	
Type	Water-cooled four-stroke single-cylinder engine, four valves, double overhead camshaft, dry sump lubrication
Bore x stroke	100 mm x 83 mm
Capacity	652 cc
Max. output	48 hp (35 kW) at 6,500 rpm
Max. torque	44 lb/ft (60 Nm) at 5,000 rpm
Compression ratio	11.5 : 1
Fuel/engine management	Electronic intake pipe fuel injection, BMS-C II electronic engine management, twin-spark ignition
Emission control	Regulated 3-way catalytic converter, compliant with EU3 emission standard

PERFORMANCE/FUEL CONSUMPTION	
Max. speed	approx. 105 mph (170 km/h)
Fuel consumption per 100 km at a constant 90 km/h	3.2 liters (approx. 66 mpg city)
Fuel consumption per 100 km at a constant 120 km/h	4.3 liters (approx. 66 mpg highway)
Fuel type	Regular unleaded

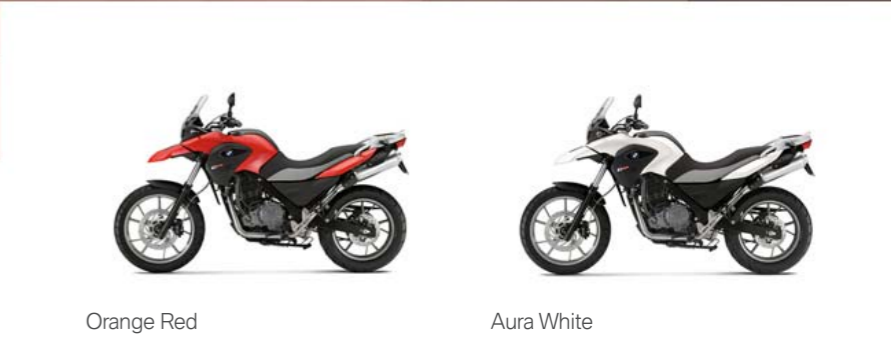
ELECTRICS	
Alternator	400-W three-phase generator
Battery	12 V/12 Ah

TRANSMISSION	
Clutch	Wet multidisc clutch, mechanically operated
Gears	Synchromesh five-speed gearbox built into crankcase
Final drive	Endless O-ring chain with cush damper at rear wheel hub

Dimensions refer to unladen motorcycles as per DIN standard definition.
 (1) As defined in EU directive 93/93/EEC, filled with all operating fluids, fuelled to at least 90% of usable tank capacity.
 (2) Unladen weight without operating fluids.

CHASSIS/BRAKES	
Frame	Tubular steel bridge-type frame with rear sub-frame screwed on
Suspension, front	Telescopic fork, stanchion diameter 41 mm, fork brace
Suspension, rear	Double box-type tubular steel swing-arm, central spring strut with lever system, spring pre-load hydraulically and steplessly adjustable via handwheel, adjustable rebound damping
Travel, front/rear	6.7/6.5 inches (170 mm/165 mm); 5.5/5.1 inches (140 mm/130 mm) with lowered suspension
Wheelbase	58.2 inches (1,477 mm)
Front wheel trail	4.5 inches (113 mm)
Steering head angle	61.9°
Wheels	Cast aluminum
Rim dimensions, front	2.50 x 19"
Rim dimensions, rear	3.50 x 17"
Tyre, front	110/80 R19 59V
Tyre, rear	140/80 R17 69V
Brake, front	Single disc brake, diameter 300 mm, double-piston floating caliper
Brake, rear	Single disc brake, diameter 240 mm, single-piston floating caliper
ABS	Optional BMW Motorrad ABS (switchable)

DIMENSIONS/WEIGHT	
Seat height	30.7 inches (780 mm); lowered suspension: 29.5 inches (750 mm) high seat: 32.2 inches (820 mm)
Unladen weight, fully fuelled/road-ready (1)	423 lbs (192 kg)
Dry weight (2)	386 lbs (175 kg)
Max. permitted weight	838 lbs (380 kg)
Max. load (with standard equipment)	415 lbs (188 kg)
Usable tank capacity	3.7 gallons (14.0 liters)
Of which reserve	Approx. 1 gallon (4.0 liters)
Length	85 inches (2,165 mm)
Height (excluding mirrors)	55 inches (1,390 mm)
Width (including mirrors)	36 inches (920 mm)



Orange Red

Aura White

THE LOOK.

One look at the G 650 GS tells you it was built to deliver simple riding pleasure. With its slim profile and athletic build, it talks the talk on city streets, and walks the walk on the open road. Its unique styling will be the center of attention wherever it goes, and the curvaceous flow of its lines from front to back immediately identifies it as a GS. Unlike other GS models, the characteristic beak at the front end moves from side to side as you turn the handlebars.

Whether you go for the vibrant Orange Red or clean Aura White color, the G 650 GS combines distinctive BMW Motorrad design with a youthful dynamism that's all its own. Because while you may be happy to blend into the background in everyday life, riding a motorcycle should be about escaping from mundane reality.

OPTIONAL EQUIPMENT



BMW MOTORRAD ABS

- Only single-cylinder motorcycle available with ABS
- Prevents wheels from locking up under braking
- Switchable for off-road use



LOW SUSPENSION OPTION

- Seat height reduced to a low 29.5 inches (750 mm)
- Allows flat-footed stance for most riders

CENTER STAND

- Enables bike to be parked in tighter spaces
- Allows basic maintenance to be carried out more easily

ACCESSORIES



VARIABLE SADDLE BAGS

- Capacity of each saddlebag is adjustable between 20 and 30 liters
- Hard-wearing black surface finish
- Waterproof inner bags available separately



HAND PROTECTORS

- Protects against the elements for enhanced comfort
- Protects hands and brake/clutch levers for off-road riding



ENGINE GUARD

- Made of hard-wearing metal
- Protects against flying stones and debris

ENGINE PROTECTION BAR

- Made of tubular steel
- Protects against minor impacts

For more information, visit:

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