

BMW Motorrad  
R 1200 GS



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**BMW R 1200 GS**  
Light years ahead

# BMW R 1200 GS

Twenty-five years ago BMW Motorrad created the enduro/adventure genre and, despite many imitators, continues to lead and innovate. But now, with the launch of the conceptual R 1200 GS, there is a new benchmark that heralds a revolutionary new era of dynamic performance for off-road and on-road use. Compared with the R 1150 GS, the new generation machine features a number of radical differences. For example, weight has been reduced by 30kg while engine power has risen by 15 per cent. Together, the changes considerably improve the R 1200 GS's riding dynamics and the engine's power to weight ratio. Normal riding is more relaxed; off-road power more controllable; and handling on tarmac exhibits a new level of agility. There are also many other innovations, including the new BMS-K electronic engine management; a Single Wire System for all electric and electronic components (a world first); and a unique information flat screen. And finally, there are three basic paintwork options with a choice of either of two colours for side covers and seat. This gives about a dozen different combinations.

## Engine

Capacity	1,170 cc
Bore/stroke	101/73 mm
Max output	74/100 kW/bhp at 7,000 rpm
Max torque	115/85 Nm/lb-ft at 5,500 rpm
Configuration	Flat-twin
No of cyls	2
Compression ratio/fuel grade	11.0/premium
Valve/gas control	HC (high camshaft)
Valves per cylinder	4
Intake/outlet dia	36/31 mm
Fuel supply	BMS-K

## Electrical system

Alternator	600 W
Battery	12V/14Ah maintenance-free
Headlight	H7 W
Starter	1.1 kW

## Power transmission/gearbox

Clutch	Single-plate dry clutch, dia 180 mm
Gearbox	Six-speed manual
Primary transmission ratio	1.823
Gear ratios	
I	2.277
II	1.583
III	1.259
IV	1.033
V	0.903
VI	0.805

Final drive	Driveshaft
Transmission ratio	2.28

## Running gear

Type of frame	Tubular spaceframe, engine load-bearing
Front wheel drive	BMW Telelever
Rear wheel drive	BMW Paralever
Clutch	Single-plate dry clutch, 180 mm dia
Type of frame	Tubular spaceframe, load-bearing engine
Suspension, front/rear	190/200 mm
Castor	110 mm
Wheelbase	1,519 mm
Steering head angle	62.9°
Brakes	front Double disc brake, dia 305 mm rear Single disc brake, dia 265 mm Optional BMW Integral ABS (partly integral)
Wheels	Cast, cross-spoke wheels as an option front 2.5 x 19 rear 4.0 x 17
Tyres	front 110/80 H 19 TL rear 150/70 H 17 TL

## Dimensions and weights

Length, overall	2,210 mm
Width, overall, with mirrors	915 mm
Handlebar width	
without mirrors	871 mm
Seat height	840/860 mm (820 mm available as an accessory)
Dry weight	199 kg
Max permissible weight	425 kg
Fuel tank	20 ltr

## Performance data

Fuel consumption	
90 km/h	4.5 ltr/100 km
120 km/h	6.0 ltr/100 km
Acceleration	
0-100 km/h	3.4 sec
Standing-start km	24.7 sec
Top speed	208 Km/h

For further information, or to arrange a test ride, please contact your local BMW Motorrad Dealership. Alternatively, telephone **0800 777 155**, or visit the BMW Motorrad website at: [www.bmw-motorrad.co.uk](http://www.bmw-motorrad.co.uk)



947, Ocean Blue Metallic



950, Desert Yellow Metallic



952, Rock Red Metallic

<sup>1)</sup> According to guideline 93/93/EEC with all operating liquids, with at least 90 % of usable fuel tank volume

<sup>2)</sup> Unladen weight without operating liquids

<sup>3)</sup> Special Edition incl. chrome kit, limited availability