



Technical Specs BMW R 12 G/S.

R 12 G/S		
Engine		
Capacity	cc	1,170
Bore/stroke	mm	101 x 73
Output	kW/hp	80/109
at engine speed	rpm	7,000
Torque	Nm	115
at engine speed	rpm	6,500
Type	Water-cooled, 2-cylinder, four-stroke boxer engine with four valves per cylinder operated by cam followers and two overhead camshafts per cylinder	
Compression		12
Fuel		Premium unleaded 95 RON
Valves per cylinder		4
Ø intake/outlet	mm	39/33
Ø throttle valve	mm	50
Engine control		BMS-O
Emission control		Closed-loop three-way catalytic converter, exhaust standard EU-5+
Electrical system		
Generator	W	660
Battery	V/Ah	12/12 maintenance-free
Headlight		LED
Rear light		LED
Turn indicators		LED
Starter	W	1200
Power transmission		
Clutch		Dry clutch, hydraulically operated
Transmission		Claw-shift 6-speed gearbox
Primary ratio		1.737
Transmission ratios		2.375
	I	
	II	1.696
	III	1.296
	IV	1.065
	V	0.939
	VI	0.848
Secondary drive		Universal shaft
Secondary ratio		2.91

Chassis

Frame construction type	Tubular space frame in steel, engine self-supporting		
Front wheel suspension	JSD telescopic forks, spring base, rebound and compression damping adjustable Ø 45 mm		
Rear wheel suspension	Aluminum Paralever swinging arm, directly linked WAD spring strut, spring base, rebound and compression damping adjustable		
Spring travel, front/rear	mm	210/200	
Wheel castor	mm	120.8 / 121.3 (Enduro Package Pro)	
Wheelbase	mm	1,580 / 1,585 (Enduro Package Pro)	
Steering head angle	°	63.1 / 63.2 (Enduro Package Pro)	
Brakes	front	Twin disc brake with two axially bolted 2-piston floating calipers, Ø 310 mm.	
	rear	Single disc brake, Ø 265 mm, 2-piston floating caliper	
ABS	Standard equipment BMW Motorrad ABS Pro (lean angle optimised)		
Wheels	Aluminum cross-spoke wheels		
	front	2.15 x 21"	
	rear	4.00 x 17" / 4.00 x 18" (Enduro Package Pro)	
Tires	front	90/90-21	
	rear	150/70 R 17 / 150/70 R 18 (Enduro Package Pro)	

Dimensions and weights

Total length	mm	2,200	
Overall width incl. hand levers	mm	830	
Seat height	mm	860 / 875 (Enduro Package Pro)	
DIN unladen weight, road ready	kg	229	
Permitted total weight	kg	430	
Fuel tank capacity	l	15.5	

Performance figures

Fuel consumption (WMTC)	l/100 km	5.1	
CO2	g/km	119	
Acceleration	0-100 km/h	s	4.1
Top speed	km/h	>200	