

2002 BMW F 650 GS

Importer: BMW of North America, LLC.

*Actual Price Determined by Dealer

Manufacturer: BMW AG, Munich, Germany

Price excludes taxes, license, options, and handling charges.

Mfr.'s Suggested Retail Price: **\$8,190.00

MSRP includes equalized freight.

Engine		Brakes	
Type	water-cooled single-cylinder	Brake system	
Bore x stroke	100 mm x 83 mm	Front brakes	2-piston caliper, floating mount
Displacement	652 cc	Front rotors	single 11.8-inch fixed rotor
Horsepower	50 bhp @ 6500 rpm	Actuation method	hydraulic, DOT 4 fluid type
Torque	44 lb.-ft. @ 5000 rpm	Rear brake	1-piston caliper, floating mount
Compression ratio	11.5:1	Rear rotor	single 9.5-inch fixed rotor
Valve gear	DOHC, chain-driven with bucket tappets	Actuation method	hydraulic, DOT 4 fluid type
Valves		Wheels and Tires	
Valve timing (measured at 3 mm valve clearance)	intake opens 13 degrees after BDC intake closes 25 degrees after BDC exhaust opens 25 degrees before BDC exhaust closes 13 degrees before TDC	Front wheel	2.15 x 19 MT, wire-spoked wheel
		Rear wheel	3.00 x 17 MT, wire-spoked wheel
		Front tire	100/90 x 19 57 tube-type
		Rear tire	130/80 x 17 65 tube-type
Dimensions			
Valves per cylinder	4	Overall length	85.6 inches (2175 mm)
Engine oil capacity	2.4 qts of SF, SG or SH motor oil, also w/CC or CD suff.	Overall width	35.8 inches (910 mm)
Engine oil filter	Micronic paper element	Wheelbase	58.3 inches (1477 mm)
Carburetion & Ignition	fuel injection & electronic ignition controlled by BMS Electronic Engine Management	Ground clearance	8.3 inches (130 mm)
		Seat height	30.7 inches (780 mm)
		Handlebar width	30.9 inches (785 mm)
Fuel demand	unleaded, premium grade, 91 AKI	Steering angle	61.9 degrees
Fuel tank	plastic tank w/enclosed pump & filter	Front wheel trail	4.5 inches (113 mm)
Fuel capacity	4.4 U.S. gallons w/ approx. 1 gal. reserve	Weight - dry	
Air filter	paper element	Weight - wet	423 lbs.
Charging system	400 W @ 14V	Maximum load	837 lbs. GVWR
Battery	12V 12 amp/h	Wheel load limits	Front = 260 lbs. Rear = 577 lbs.
Cooling system	50/50 water/anti-freeze mix, single radiator	Available Colors	
Drivetrain		Deep Black #715 Red #761 Titan Blue Metallic #762 Mandarin #803	
Primary drive	straight-cut gear 37 / 72 = 1:1.946	Standard Equipment	
Clutch	multi-plate in oil bath	-Clock -Centerstand -Sidestand -One key locks -Central ignition/steering lock	
Gear ratios	1st gear: 2.75:1 4th gear: 1.05:1 2nd gear: 1.75:1 5th gear: 0.88:1 3rd gear: 1.31:1	Available Accessories	
Drive system	endless O-ring roller chain drive 5/8" x 1/4"	-Heated handlebar grips -Saddlebags and mounts -Top box (31 liters) -On-board computer -Engine guards	
Final drive	2.937:1 (16 / 47 sprocket / chainwheel)	Copyright 2002 BMW of North America, LLC., Woodcliff Lake, New Jersey All rights reserved	
Frame and Suspension			
Frame	bridge-type, square-section steel tube w/bolten-on rear section		
Front suspension	41 mm telescopic fork w/stabilizer bridge		
Travel	6.7 inches total travel		
Rear suspension	central spring strut actuated by lever-linkage, basic spring setting and rebound stage damping infinitely variable.		
Travel	6.5 inches total travel		

2002 BMW F 650 GS ABS

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Engine		Brakes		
Type	water-cooled single-cylinder	Brake system	BMW/Bosch antilock braking system	
Bore x stroke	100 mm x 83 mm	Front brakes	2-piston caliper, floating mount	
Displacement	652 cc	Front rotors	single 11.8-inch fixed rotor	
Horsepower	50 bhp @ 6500 rpm	Actuation method	hydraulic, DOT 4 fluid type	
Torque	44 lb.-ft. @ 5000 rpm	Rear brake	1-piston caliper, floating mount	
Compression ratio	11.5:1	Rear rotor	single 9.5-inch fixed rotor	
Valve gear	DOHC, chain-driven with bucket tappets	Actuation method	hydraulic, DOT 4 fluid type	
Valves	2 x 36 mm intake / 2 x 31 mm exhaust	Wheels and Tires		
Valve timing (measured at 3 mm valve clearance)	intake opens 13 degrees after BDC intake closes 25 degrees after BDC exhaust opens 25 degrees before BDC exhaust closes 13 degrees before TDC	Front wheel	2.15 x 19 MT, wire-spoked wheel	
		Rear wheel	3.00 x 17 MT, wire-spoked wheel	
		Front tire	100/90 x 19 57 tube-type	
		Rear tire	130/80 x 17 65 tube-type	
Dimensions				
Valves per cylinder	4	Overall length	85.6 inches (2175 mm)	
Engine oil capacity	2.4 qts of SF, SG or SH motor oil, also w/CC or CD suff.	Overall width	35.8 inches (910 mm)	
Engine oil filter	micronic paper element	Wheelbase	58.3 inches (1477 mm)	
Carburetion & Ignition	fuel injection & electronic ignition controlled by BMS Electronic Engine Management	Ground clearance	8.3 inches (130 mm)	
Fuel demand	unleaded, premium grade, 91 AKI	Seat height	30.7 inches (780 mm)	
Fuel tank	plastic tank w/enclosed pump & filter	Handlebar width	30.9 inches (785 mm)	
Fuel capacity	4.4 U.S. gallons w/ approx. 1 gal. reserve	Steering angle	61.9 degrees	
Air filter	paper element	Front wheel trail	4.5 inches (113 mm)	
Charging system	400 W @ 14V	Weight - dry		
Battery	12V 12 Amp/h	Weight - wet	425 lbs.	
Cooling system	50/50 water/anti-freeze mix, single radiator	Maximum load	837 lbs. GVWR	
		Wheel load limits	Front = 260 lbs. Rear = 577 lbs.	
Drivetrain				
Primary drive	straight-cut gear 37 / 72 = 1:1.946	Available Colors		
Clutch	multi-plate in oil bath	Deep Black #715	Red #761 Titan Blue Metallic #762	
Gear ratios	1st gear: 2.75:1 4th gear: 1.05:1 2nd gear: 1.75:1 5th gear: 0.88:1 3rd gear: 1.31:1	Mandarin #803	Standard Equipment	
Drive system	endless O-ring roller chain drive 5/8" x 1/4"		-Clock	
Final drive	2.937:1 (16 / 47 sprocket / chainwheel)		-Centerstand	
Frame and Suspension				-Sidestand
Frame	bridge-type, square-section steel tube w/bolted-on rear section		-One key locks	
Front suspension	41mm telescopic fork w/stabilizer bridge		-Central ignition/steering lock	
Travel	6.7 inches total travel	Available Accessories		
Rear suspension	central spring strut actuated by lever-linkage, basic spring setting and rebound stage damping infinitely variable.		-Heated handlebar grips	
Travel	6.5 inches total travel		-Saddlebags and mounts	
			-Top box (31 liters)	
			-On-board computer	
			-Engine guards	

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Engine		Brakes	
Type	water-cooled single-cylinder	Brake system	BMW/Bosch antilock braking system
Bore x stroke	100 mm x 83 mm	Front brakes	2-piston caliper, floating mount
Displacement	652 cc	Front rotor	single 11.8-inch fixed
Horsepower	50 bhp @ 6500 rpm	Actuation method	hydraulic, DOT 4 fluid type
Torque	44 lb.-ft. @ 5000 rpm	Rear brake	1-piston caliper, floating mount
Compression ratio	11.5:1	Rear rotor	single 9.5-inch fixed
Valve gear	DOHC, chain-driven with bucket tappets	Actuation method	hydraulic, DOT 4 fluid type
Valves	2 x 36 mm intake / 2 x 31 mm exhaust	Wheels and Tires	
Valve timing (measured at 3 mm valve clearance)	intake opens 13 degrees after BDC intake closes 25 degrees after BDC exhaust opens 25 degrees before BDC exhaust closes 13 degrees before TDC	Front wheel	1.60 x 21 MT, wire-spoked wheel
		Rear wheel	3.00 x 17 MT, wire-spoked wheel
		Front tire	90/90 x 21 54 tube-type
		Rear tire	130/80 x 17 65 tube-type
Dimensions			
Valves per cylinder	4	Overall length	85.6 inches (2175 mm)
Engine oil capacity	2.4 qts of SF, SG or SH motor oil, also w/CC or CD suff.	Overall width	35.8 inches (910 mm)
Engine oil filter	micronic paper element	Wheelbase	58.6 inches (1489 mm)
Carburetion & Ignition	fuel injection & electronic ignition controlled by BMS Electronic Engine Management	Ground clearance	7.1 inches (180 mm)
		Seat height	34.3 inches (870 mm)
		Handlebar width	35.5 inches (901 mm)
Fuel demand	unleaded, premium grade, 91 AKI	Steering angle	61.9 degrees
Fuel tank	plastic tank w/enclosed pump & filter	Front wheel trail	4.9 inches (123 mm)
Fuel capacity	4.4 U.S. gallons w/ approx. 1 gal. reserve	Weight - dry	
Air filter	paper element	Weight - wet	421 lbs.
Charging system	400 W @ 14V	Maximum load	838 lbs. GVWR
Battery	12V 12 Amp/h	Wheel load	Front = 260 lbs.
Cooling system	50/50 water/anti-freeze mix, single radiator	limits	Rear = 578 lbs.
Drivetrain		Available Colors	
Primary drive	straight-cut gear 37 / 72 = 1:1.946	Desert Blue/Aura White	
Clutch	multi-plate in oil bath		
Gear ratios	1st gear: 2.75:1 2nd gear: 1.75:1 3rd gear: 1.31:1	Standard Equipment	
Drive system	endless O-ring roller chain drive 5/8" x 1/4"	<ul style="list-style-type: none"> -Clock -Sidestand -One key locks -Central ignition/steering lock 	
Final drive	2.937:1 (16 / 47 sprocket / chainwheel)		
Frame and Suspension		Available Accessories	
Frame	bridge-type, square-section steel tube w/bolted-on rear section	<ul style="list-style-type: none"> -Heated handlebar grips -Saddlebags and mounts 	
Front suspension	41 mm telescopic fork with stabilizer bridge	<ul style="list-style-type: none"> -Top box (31 liters) 	
Travel	8.3 inches total travel	<ul style="list-style-type: none"> -On-board computer 	
Rear suspension	central spring strut actuated by lever-linkage, basic spring setting and rebound stage damping infinitely variable.	<ul style="list-style-type: none"> -Engine guards 	
Travel	8.3 inches total travel	Copyright 2002 BMW of North America, LLC., Woodcliff Lake, New Jersey All rights reserved	

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Fuel tank	plastic tank w/enclosed pump & filter	Front wheel trail	4.9 inches (123 mm)
Fuel capacity	4.4 U.S. gallons w/ approx. 1 gal. reserve	Weight - dry	
Air filter	paper element	Weight - wet	421 lbs.
Charging system	400 W @ 14V	Maximum load	838 lbs. GVWR
Battery	12V 12 Amp/h	Wheel load	Front = 260 lbs.
Cooling system	50/50 water/anti-freeze mix, single radiator	limits	Rear = 578 lbs.
Drivetrain		Available Colors	
Primary drive	straight-cut gear 37 / 72 = 1:1.946	Desert Blue/Aura White #817	
Clutch	multi-plate in oil bath		
Gear ratios	1st gear: 2.75:1 2nd gear: 1.75:1 3rd gear: 1.31:1	Standard Equipment	
Drive system	endless O-ring roller chain drive 5/8" x 1/4"	-Clock -Sidestand -One key locks -Central ignition/steering lock	
Final drive	2.937:1 (16 / 47 sprocket / chainwheel)		
Frame and Suspension		Available Accessories	
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