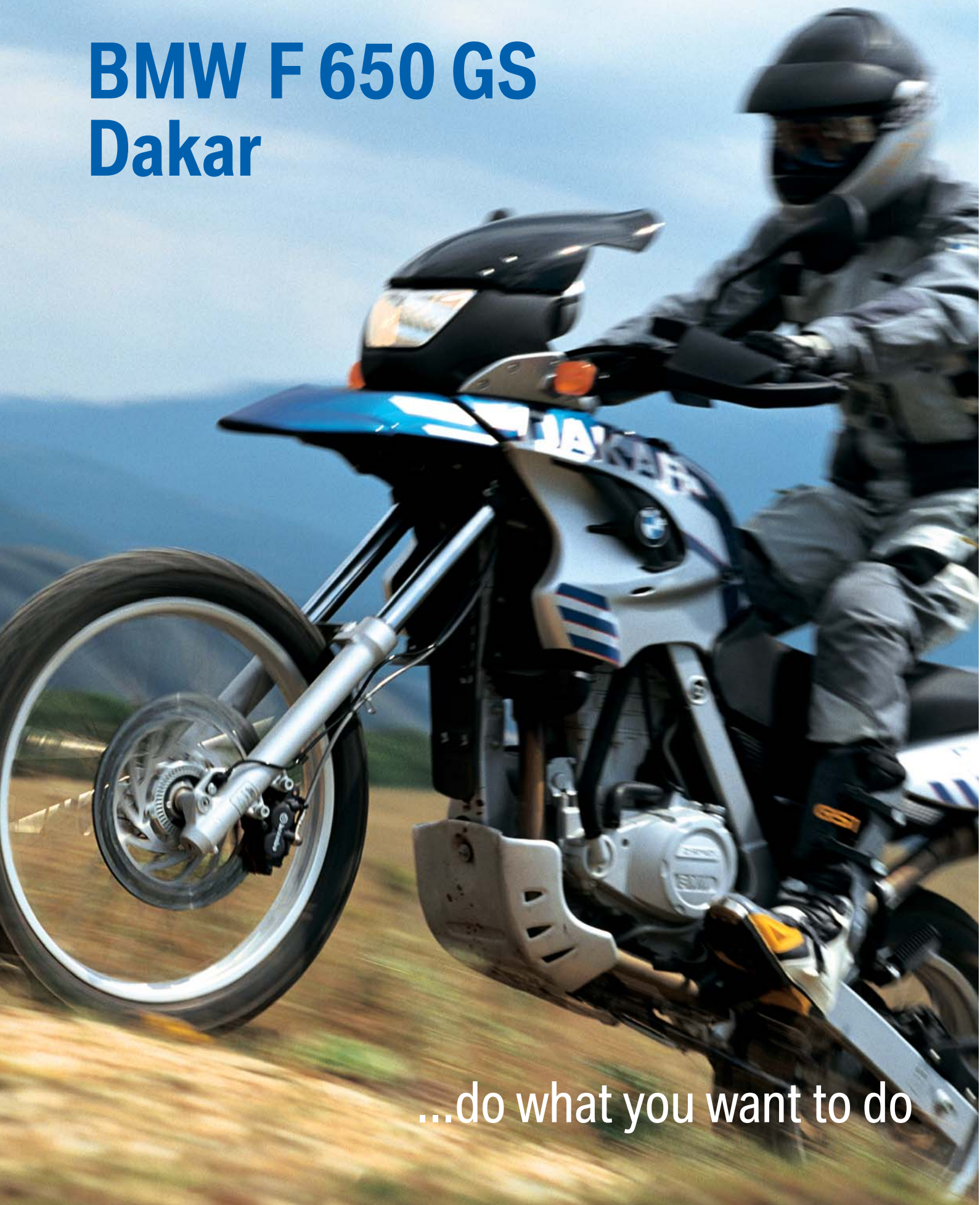


BMW Motorrad
F 650 GS Dakar



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BMW F 650 GS Dakar



...do what you want to do

BMW F 650 GS Dakar

The F 650 GS Dakar is for the serious off-road (and on road) rider, but even the less experienced will find the sturdy, 650cc single-cylinder enduro a pleasure to ride. It will go wherever you want it to go – the roughest of Britain's off-road tracks; the most forbidding of Moroccan sand dunes; the deepest of America's canyons; or even the most impenetrable urban jungle. Featuring longer spring travel suspension, a 21-inch front wheel and special enduro tyres, the F 650 GS Dakar is in its element when involved in off-road action. Given the time, it also has the latent capability to take you from Paris to Dakar. Now how many production bikes will do that?

Engine

Type:	Water-cooled 1-cylinder 4-stroke engine, four valves, two overhead camshafts, dry sump lubrication
Bore x stroke:	100 mm x 83 mm
Capacity:	652 ccm
Rated output:	37 kW (50 bhp) at 6500 rpm (output reduction: 25 kW [34 bhp] at 6000 rpm possible)
Max. torque:	60 Nm at 5000 rpm (output reduction: 51 Nm at 3750 rpm)
Compression ratio:	11.5 : 1
Carburetion / engine management:	Electronic intake pipe injection/BMW engine management, dual ignition
Emission control:	Closed-loop 3-way catalytic converter



929, Blue/white aluminium metallic

Performance/fuel consumption

Maximum speed:	Approx. 170 km/h (output reduction: Approx. 145 km/h)
Fuel consumption over 100 km at steady 90 km/h:	3.2 l
Fuel consumption over 100 km at steady 120 km/h:	4.3 l
Fuel type:	Unleaded regular, minimum octane rating 91 (RON)

Electrical system

Generator:	400 W three-phase generator
Battery:	12 V/12 Ah, on board socket

Power transmission

Clutch:	Multi-disc oil-bath clutch, mechanically operated
Gearbox:	Constant mesh 5-speed transmission integrated in engine housing
Drive:	Endless O ring chain with cush damping in the rear wheel hub

Chassis/brakes

Frame:	Bridge-type, tubular, steel, with bolted-on rear section
Front wheel location / suspension:	Telescope fork with stabiliser, stanchion diameter 41 mm
Rear wheel location / suspension:	Box-section dual swing arm, steel; spring strut, spring preload and rebound damping hydraulically adjustable by means of hand wheel to continuously variable levels
Travel front/rear:	210 mm/210 mm
Wheelbase	
(in normal position):	1489 mm
Caster (in normal position):	123.3 mm
Steering head angle (in normal position):	60.8 °
Wheels:	Spoke wheels
Rim, front:	1.60 x 21
Rim, rear:	3.00 x 17
Tyres, front:	90/90 S 21
Tyres, rear:	130/80 S 17
Brake, front:	Single disc, 300 mm diameter, 2-piston floating caliper
Brake, rear:	Single disc, 240 mm diameter, 1-piston floating caliper
ABS:	Special equipment: BMW Motorrad ABS, can be deactivated

Dimensions/weights

Seat height, unladen:	870 mm (special equipment: chassis lowering to 750 mm, high dual seat 820 mm)
Unladen, road ready, fully fuelled 1):	193.0 kg
Dry weight 2):	177.2 kg
Permitted total weight:	380.0 kg
Payload (with standard equipment):	187.0 kg
Usable tank volume:	17.3 l
Incl. reserve:	Approx. 4.5 l
Length:	2189 mm
Width (incl. mirrors):	910 mm

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

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

2) Unladen weight without operating liquids