

ER-6f

KEY FEATURES

Genuine Kawasaki accessories available

Lightweight, easy to ride and economical, features that make this model ideal for new and long term riders

Electronic instrumentation

Full fairing makes for relaxed highway riding

Low Exhaust Emissions

Lightweight ZX-10R style wheels and petal shaped brake discs



Under engine exhaust muffler aids mass centralisation and adds to the stylish appearance

Highly compact parallel twin engine delivers linear torque particularly in the low-medium speed range

Electronic fuel injection for great economy and good performance

Warranty: 24 months unlimited kilometres

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SPECIFICATIONS: EX650A7F

Engine type.....	4 stroke, liquid cooled, parallel twin
Displacement.....	649 cm ³
Bore & stroke.....	83.0 x 60.0 mm
Compression ratio	11.3:1
Valve system	DOHC, 8 valves, 4 valves per cylinder
Maximum power	53 kW (72.1 PS) @ 8,500 rpm
Maximum torque	66 N·m @ 7,000 rpm
Fuel system	EFI with 2 x 38 mm Keihin throttle bodies
Starting.....	electric
Transmission.....	6-speed
Frame type	steel tubular diamond
Rake / trail	25° / 106 mm
Suspension, F.....	41 mm fork
Suspension, R	swingarm with single gas charged shock absorber
Wheel travel, F / R	120 / 125 mm
Tyre, F / R.....	120/70 ZR-17 / 160/60 ZR-17
Brake, F	300 mm dual discs with dual piston calipers
Brake, R.....	220 mm disc with single piston caliper
L x W x H	2,105 x 760 x 1,210 mm
Wheelbase	1,410 mm
Seat height.....	790 mm
Fuel capacity	15.5 L
Dry weight.....	178 kg
Colour	BLU

*Specification subject to change without notice

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ENGINE

Semi-dry sump design reduces engine height. Electroplated cylinder bores reduce friction. Cooling passageways in the engine reduce the amount of external cooling hoses giving the engine a clean, uncluttered appearance.

A 180° crankshaft with a balancer shaft gives low vibration levels.

Fuel system

High atomising injectors are used to maximise combustion efficiency and minimise emissions. Dual throttle valves are fitted to significantly improve driveability. The sub-throttle valves are controlled by the ECU to provide precise response. Auto fast idle ensures the catalyser quickly reaches its optimum operating temperature to minimise emissions.

Exhaust system

Curved S-shaped header pipes help tune the exhaust system. To minimise emissions a honeycomb type catalyser is used.

TRANSMISSION

6-speed cassette type transmission helps keep the engine compact. Transmission ratios selected for ideal urban riding performance.

CHASSIS

Tubular 'diamond' high tensile steel frame

The frame is constructed of large diameter, thin-walled tubing for strength and rigidity. 3D design analysis was used to achieve the ideal stiffness balance and handling characteristics. A low centre of gravity, short wheelbase and long swingarm give quick and nimble handling.

Front suspension

Delivers a supple ride and gives excellent feedback across the speed range.

Rear suspension

Direct action offset rear shock absorber with pre-load adjustment delivers a smooth and supple ride.

Front and rear disc brakes

Dual 300 mm front petal discs with sliding pin calipers and a rear 220 mm petal disc with single piston caliper ensure excellent stopping power and feel.

Detail features

Compact analogue speedometer also has a LCD display with digital readouts for odometer, twin trip meter and clock as well as an LED water temperature warning lamp. The separate tachometer houses both a fuel gauge and an LED fuel-injection warning lamp. Other instrumentation includes turn signal, high beam, neutral, and oil warning lamps. The turn signal switch gear incorporates a hazard warning light switch. A slim rear fuel tank to seat design gives the machine a narrow feel, add in the low seat height and you can see this machine inspires confidence.

