

 **650**

ENERGIZE

SUGOMI PERFORMANCE



Like its predecessor, the superbly balanced Z650 offers *sugomi** performance and styling in a slim, compact middleweight package that features a 650cc Parallel Twin engine with strong lowmid range torque in a lightweight chassis. The new tyres offer lighter handling, and a redesigned tandem seat offers increased passenger comfort.

As before, nimble handling and superb feedback are complemented by easy-to-manage power delivery and rider-friendly manoeuvrability, offering an ideal blend of sporty performance and everyday versatility designed to accommodate a wide range of riders. Sharp new styling, highlighted by a new LED headlight and TFT instrumentation, gives this 2nd generation Z650 an even stronger *sugomi** presence.

The thorough attention given to ensure a high-quality fit & finish results in a machine that riders can be proud to own – an ideal ambassador for the Z brand.

- *Sugomi** describes core performance and styling elements found in Kawasaki's Z supernaked models. Imbued with *sugomi*, their performance excites; a ride on a Z supernaked is a visceral experience that stimulates the senses; engine and chassis tuning deliver a high level of control. *Sugomi* is also evident in their sharp styling, dynamic crouching form, and distinct silhouette

AMBASSADOR





THE SUGOMI EFFECT

With a sharper, more compact cowl and more muscular radiator shrouds, the new Z650 boasts a stronger sugomi presence.

Compact new LED headlamp is complemented by a centrally located LED position lamp. Sharper edges emphasize the design of the new headlamp.

THE HISTORY OF Z SERIES

Over the past half-century, Z series models have created countless legends, and their name has become a byword for Kawasaki motorcycles. The legend began with the Z1, the highest performing production motorcycle the world had ever seen. Around the world, the impact of the Z1 was felt not once, but twice.

The first time was for its incredible performance. Riders around the world were intoxicated by the awesome power produced by its engine, the first In-Line Four in its class with DOHC, and displacing an unheard of 903 cm³.

The second time was for the Z1's evocative styling. The development brief called for a design that was slim, sleek, and sexy. In other words, a 900cc-class bike that didn't look or feel heavy, with a design that could slice through the air expressing its astonishing speed and performance. True to its name, the Z1 embodied the ultimate in performance and styling, firmly establishing Kawasaki's reputation for building big, high-performance motorcycles.

As the last letter of the alphabet, Z represents the ultimate. That is the reason why the Kawasaki 900 super4 was nicknamed the Z1. Since then, the Z moniker has been inherited by many other models developed to be the ultimate machines in their categories. These Z models have grown into one of Kawasaki's core motorcycle brands. Although their shapes, styles and riding environments have evolved over the years, the models crowned with the Z mark continue to deliver the ultimate in riding excitement.

The 2010s saw the idea of Sugomi introduced as a core development concept for Z Supernaked models. This marked a major shift in the post-2003 modern Z series. During the same period, as the retro sport movement picked up speed in Europe and the U.S.. The Z1-channeling Z900RS broke cover and quickly claimed its place at the centre of the movement.

The Japanese word sugomi describes the intense aura or energy given off by a person or object of greatness and felt by the viewer. Someone, or something, possessing sugomi inspires awe, leaves an indelible impression, is imposing in stature or ability, and commands respect. In the new Z1000, sugomi was evident both in its fiercely intense design and the exhilarating performance it delivered, radiating as a palpable energy. With a stiffer, more direct and responsive ride feel, and the dynamic styling of a predator stalking its prey, the Z1000 incorporated Sugomi into its performance and styling to offer a more intense riding experience. Since then, Sugomi has been the core concept driving the ride feel and design of Supernaked Z models and is still used today.





Stronger Sugomi Presence

- Headlamp cowl is sharper and more compact, with a two-piece design (distinct from that of the three-piece Z900 cowl) that positions coloured pieces higher to create a light image. The sharp chin spoiler, new meter cover, and more forward-slanting lines contribute to the sugomi design.
- Wider shrouds give the impression of more muscular “shoulders,” adding to the Z650’s fierce impression, while the functional design of the radiator covers adds to the sharp looks.



TFT Colour Instrumentation

The new 4.3” all digital TFT colour instrumentation – a Kawasaki first in the 650cc class – gives the cockpit a high-tech, highgrade appearance. The new meter also offers additional features unavailable on the previous model.

- High-grade full colour display features TFT (thin-film transistor) technology, delivering a high level of visibility. The screen’s background colour is selectable (black or white), and screen brightness adjusts automatically to suit available light.
- Display functions include: digital speedometer, digital bar-style tachometer, gear position indicator, shift lamp, fuel gauge, odometer, dual trip meters, current and average fuel consumption, remaining range, average speed, total time, coolant temperature, clock, battery voltage, Kawasaki service reminder, oil change reminder, and Economical Riding Indicator.



Smartphone Connectivity

A Bluetooth chip built into the instrument panel enables riders to connect to their motorcycle wirelessly.

Using the smartphone application “RIDEOLGY THE APP,” a number of instrument functions can be accessed, contributing to an enhanced motorcycling experience.

Increased Passenger Comfort

Rear seat with thicker urethane (approximately 5 mm thicker at the centre, 10 mm thicker at the sides) and sides that extend more widely offers increased passenger comfort.



INVOKE THE “Z” SPIRIT

KTRC (Kawasaki Traction Control)



Kawasaki's advanced traction control system provides both enhanced sport riding performance and the peace of mind under certain conditions to negotiate low-traction surfaces with confidence. Two modes allow riders to adjust settings to suit the riding situation and rider preference.



EURO 4 Compliant

A number of changes to the intake and exhaust system components were made to ensure that Euro4 emissions regulations are cleared, and offer an increase in mid-range torque while maintaining the power of the previous model.

- The exhaust pipe length (shorter) and shape were also optimised to suit the changes.
- Revised duct joining the airbox and throttle bodies contributes to increased performance.

Better Handling

New Dunlop Sportmax Roadsport 2 tyres contribute to lighter handling.



MODEL SPECIFICATIONS

ENGINE

Type	4-Stroke, Parallel Twin, DOHC, Liquid Cooled
Displacement	649 cc
Bore x Stroke	83.0 x 60.0 mm
Compression Ratio	10.8:1
Fuel Supply	Fuel Injection
Lubrication System	Forced Lubrication, Semi-Dry Sump
Starting System	Electric Starter
Ignition System	B&C (TCBI B.P & EL. ADV.)

FRAME

Type	Trellis, High-tensile Steel
Suspension:	Front: Telescopic Fork Rear: Horizontal Back-link SWG. ARM
Wheel Travel:	Front: 125 mm Rear: 130 mm
Caster (Rake Angle)	24.0
Trail	100 mm
Steering Angle (left/right)	35/35
Tyre:	Front: 120/70ZR17M/C (58W) Rear: 160/60ZR17M/C (69W)
Brake:	Front: Dual semi-floating petal discs (300 mm) Rear: Single Disc (220 mm)

DIMENSIONS

Overall Length	2,155 mm
Overall Width	765 mm
Overall Height	1,065 mm
Wheelbase	1,410 mm
Ground Clearance	130 mm
Seat Height	790 mm
Curb Mass	188 kg
Fuel Capacity	15 litres

DRIVETRAIN

Driving System	Chain
Transmission	6-speed, Return Shift
Primary Reduction ratio	2.095 (88/42)
Final Reduction ratio	3.067 (46/15)
Clutch Type (Primary)	Wet, Multi-disc

PERFORMANCE

Max. Power	50.2 kW / 8,000 rpm
Max. Torque	65.7Nm / 6,500 rpm

LIGHT

Headlight (High/Low)	LED/LED
Brake/Tail Light	LED

Z 650

Metallic Matte
Graphenestee Grey / Ebony



Metallic Spark Black

* Specifications are subject to change without prior notice

** Pictures displayed are for illustration purposes only. Actual product may vary.

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Kawasaki Technology



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