

CBR
650R

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OBSESSION**



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PURE SPORTS STYLING



CBR650R in it's 2022 Model has become, a rare breed: a four cylinder sports bike that provides similar pleasure, enjoyment and adrenaline to an RR machine, yet with enough practicality - and sensible running costs - to make it a viable option as day-to-day transport in addition to weekend fun.

AGGRESSIVE RIDING POSTURE

CBR650R's riding position ensures forward visibility and maneuverability in crowded situations such as urban areas, and is well-balanced with improved power performance. With the raised step position and back-stepping, it's not only easier to apply a load to the step now, but also to operate the vehicle body with weight reduction and mass concentration. In addition, the front and rear separate seats are shaped in consideration of the rider's footing.



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FRAME

The steel diamond frame uses pressed swingarm pivot plates and twin elliptical spars with a rigidity balance specifically tuned (stiffer around the headstock and more flexible in the spar sections) to deliver balanced handling characteristics, with high levels of rider feedback.



FULL LED LIGHTING

Every detail of the CBR650R has been designed for passionate riders, including its illumination. The premium, dual LED headlights feature new reflectors and throw out crisp white beams, marking out this motorcycle's difference to the world. While the taillight has a sleek, minimalist form to leave a subtle trail for the onlookers.



SHARP LCD INSTRUMENT CLUSTER

CBR650R features a rich digital LCD instrument with a new, easy-to-read design; included in the display are Digital Speedometer, Digital Bar Graph Tachometer, Dual Trip Meters, Digital Fuel Level Gauge & Fuel Consumption Gauge, Digital Clock, Water Temp Gauge, Gear position and even the Shift-UP Indicator.

GEAR POSITION INDICATOR

This indicator provides the rider information about the gear he is riding in. Thus, providing an added convenience to the rider.

EMERGENCY STOP SIGNAL (ESS)

ESS Technology helps to keep the rider safe in emergency braking situations. The system detects sudden braking and automatically activates the front and rear hazard lights, which flash to warn any nearby vehicles.

ENGINE TEMPERATURE INDICATOR

Enhancing the peace of mind of the whole riding experience, this indicator provides the rider information about the temperature of the engine.

Honda IGNITION SECURITY SYSTEM (HISS)

In today's fast-moving world, advanced security systems are the need of the hour. Premium security updates in CBR650R give the rider confidence and peace of mind. The bike features the Honda Ignition Security System (HISS) that makes it theft deterrent, along with reinforced handlebar lock structures, and strengthened key cylinders.



Honda **SELECTABLE TORQUE CONTROL (HSTC)**

The engine uses a compact internal architecture, stacked six-speed gearbox and starter layout with the cylinders canted forward, and an assist/slipper clutch eases upshifts while managing rear-wheel lock up under hard braking and rapid downshifts. Honda Selectable Torque Control (HSTC) is fitted to manage rear wheel traction; it can be turned off should the rider choose.



RADIAL MOUNT CALIPERS WITH DUAL CHANNEL ABS

The Dual, radial-mount four-piston calipers work on 310mm wave-pattern floating discs, and are paired with a single-piston rear caliper and 240mm disc. These are secured and supported at both ends providing less caliper flex and better braking performance.

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TO SUPPORT A THOROUGHLY ENJOYABLE RIDE

SHOWA SFF-BP USD FORKS

Showa's SFF-BP inverted front fork is used for the front suspension. The SFF (Separate Function Front Fork) which is equipped with a damping mechanism, a spring on the right fork and a spring on the left fork, contributes to reduction of sliding resistance and weight reduction of the vehicle body. The rear suspension uses a pillow ball at the joint with the swing arm to pursue operability and road followability.

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ALUMINIUM WHEELS

CBR650R is equipped with premium 5-spoke Y-shaped aluminium wheels. The innovative design optimizes rigidity while cutting down on thickness, giving you maximum strength with minimum weight.

CONTRIBUTING TO LIGHT HANDLING



MORE POWER, SPORTIER FUN

Leading the class with its power-to-weight ratio, the CBR650R features an inline four-cylinder and a DOHC 16-valve engine with a cool 12,000rpm redline, 64kW and 57.5Nm to play with - that's a whole load of playtime!

SIX-SPEED GEARBOX WITH ASSIST/SLIPPER CLUTCH

Assist/slipper clutch contributes to rider fatigue reduction, adding to the sense of security. The assist mechanism reduces the clutch lever operating load, and the slipper mechanism reduces rear wheel hopping due to sudden engine braking caused by downshifting. It improves ease of handling and provides a more comfortable and smoother ride.

SIDE SWEEP EXHAUST

Thrill. Harmony. Power. That's what CBR650R is all about. The four exhaust downpipes in the bike sweep together around the front of the engine, while the muffler has been designed to deliver a spine-tingling roar as revs climb.





BODY DIMENSIONS

Length	2128mm
Width	749mm
Height	1149mm
Wheel Base	1449mm
Ground Clearance	132mm
Kerb Weight	211kg
Seat Height	635mm
Fuel Tank Capacity	15.4Ltr

ENGINE

Type	4 Stroke, SI Engine
Displacement	648.72 cc
Max Net Power	64.0 kw @ 12000 rpm
Max Net Torque	57.5 N-m @ 8500 rpm
Fuel System	PGM-FI
Bore x Stroke	67.0 X 46.0
Compression Ratio	11.6 : 1
Starting Method	Self

TRANSMISSION

Clutch Type	Multi-plate Wet Clutch
No. of Gears	6

ELECTRICALS

Battery	12V, 8.6 Ah
Headlamp	LED, DC

FRAME and SUSPENSION

Frame Type	Twin-Tube Type
Front Suspension	Telescopic
Rear Suspension	Monoshock

TYRES and BRAKES

Braking System	Dual Channel ABS
Tyre Size & Type (Front)	120/70ZR17M/C (58W)
Tyre Size & Type (Rear)	180/55ZR17M/C (73W)
Brake Type & Size (Front)	Double Disc – 79.2 cm ²
Brake Type & Size (Rear)	Disc – 25.4 cm ²

COLOURS



Grand Prix Red



Matte Gunpowder Black Metallic

†The technical specifications and design of the vehicle may vary according to the requirements and conditions without any notice • CBR650R meets Bharat Stage VI norms • Product shown in the picture may vary from the actual product available in the market • All features and colours may not be part of all variants • **Conditions apply • *Creative visualisation • Riding shots are shot in a controlled environment under expert supervision.



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