



Bike displayed with accessories.

# LESS IS MORE

**MINIMUM FUSS,  
MAXIMUM MOTORCYCLE.**

The new CB650R features a sleek, streamlined design to match your sophisticated urban style. The bike's ultra-compact, powerful stance channels the retro-minimalism of the CB1000R Neo Sports Café, but with 5kg less weight. It blends curved lines with taut angles, crowned by a distinctive LED headlight. With the CB650R, less gives you more.



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**RIDE WITH STYLE** Read the owner's manual thoroughly. Get to know your machine and its capabilities. Concentration assists anticipation. Observe other road users' movements. Brake in plenty of time. Always wear a helmet and quality kit, ride fit and NEVER after drinking alcohol. Good roadcraft and courtesy identify the skilled and stylish rider. Honda endorse the law that all helmet visors must comply with BS 4110. Visors that transmit less than 50% of visible light cannot legally be used on the road.

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# FROM BOREDOM TO THRILL AT FIRST SIGHT.



Every day is a journey. Open your eyes and experience the thrill of the new CB650R. Its compact, muscular stance channels the compelling retro-minimalism of the CB1000R. Part of the Neo Sports Café series, which combines the distinctive performance of raw sports street fighters with stripped-down café styling, the CB650R is ready to take you on an unforgettable experience.

# ADDICTIVE ENGINEERING

## BUILT TO BE USED. AND ENJOYED.

The CB650R Neo Sports Café inline four-cylinder DOHC 16-valve engine is built to be used, hard. It features peak power boosted to 70kW (plus easy 35kW conversion for A2 licence holders) with torque of 64Nm and 12,000rpm redline. Close, short gearing and a smooth rush of punch through the mid-range delivers smart acceleration away from the lights and through the gears – and then there's the evocative, spine-chilling howl as rpm climbs high. It's addictive. An assist/slipper clutch eases upshifts and manages hard down changes, while Honda Selectable Torque Control (HSTC) maintains rear wheel traction. It's an engineering masterpiece built to be used. Have of fun with it.



**1. COCKPIT CONTROL**  
The new CB650R features rich digital LCD instruments that are easy to read. Now included in the display are a Gear Position and Shift Up indicator, a water thermometer, a peak hold meter of the engine RPM, and an upshift indicator linked with the engine RPM to let the driver know when to change gears. The tapered handlebars of the CB650R offer easy leverage for fast steering reaction. You are the king of the urban jungle. Show the world what you're capable of.

**2. TORQUE CONTROL**  
The new CB650R provides perfect traction as you're racing down the road. Rear wheel traction is managed by Honda Selectable Torque Control (HSTC). When the wheel sensors detect a difference between front and rear wheel speeds, the system smoothly reduces torque to the rear wheel, maintaining traction.

**3. EASY 35kW CONVERSION**  
An easy conversion is available from Honda dealers to restrict the CB650R's engine to 35kW - making it A2 licence friendly. The conversion back to full power, once you've got your full A licence, is equally simple.

**4. SHOWA SFF USD FORKS**  
Adjustable 41 mm Showa Separate Fork Function (SFF) USD forks offer supple suspension response and excellent feel for front tyre grip. They complement the frame's tuned rigidity balance and 5kg weight loss from the chassis.

**5. EXHAUST DESIGN**  
With a nod to Honda's history, the CB650R's four exhaust downpipes sweep together around the front of the engine. The rear of the muffler has been redesigned to channel the full impact of the exhaust sounds directly to the rider, delivering a thrilling growl as revs climb. This creates powerful engine reverberations, giving you an immersive experience that only an inline four engine can produce.

**6. ALUMINIUM WHEELS**  
The CB650R is equipped with premium 5-spoke Y-shaped aluminum wheels. The innovative design optimises rigidity while cutting down on thickness, giving you maximum strength with minimum weight.

**7. EMERGENCY STOP SIGNAL**  
The CB650R's Emergency Stop Signal technology helps keep you safe if you ever need to hit the brakes unexpectedly. The system detects sudden braking and automatically activates the front and rear hazard lights, which flash to warn any nearby vehicles.

**8. FOUR-CYLINDER ENGINE**  
The CB650R's inline four-cylinder, DOHC 16-valve engine produces 70kW with strong mid-range torque of 64Nm. It has a 12,000rpm redline and features Honda Selectable Torque Control (HSTC) to maintain rear wheel traction. The ignition switch has been moved to the front of the fuel tank cover to create a minimalist frontal area.

**9. FULL LED LIGHTING**  
The lighting system of the CB650R is optimally engineered. All lighting is premium LED. The circular headlight, equipped with a sharp black bezel, mirrors the elliptical style of the CB1000R Neo Sports Café and throws out an intense, blue-tinted beam. The taillight design takes cues from the CB1000R's minimalism.

**10. RADIAL-MOUNT CALIPERS**  
The urban jungle can be unpredictable. That's why you need a motorcycle that will give you smooth, optimal control in any weather. The dual radial-mount four-piston callipers grip 310 mm floating discs, complemented by a single-piston rear calliper and a 240 mm disc. Dual channel ABS maintains smooth control in wet or dry conditions. Conquer the road, rain or shine.

**11. CHASSIS BALANCE**  
The new CB650R is all about balance. The frame's elliptical spars feature tuned rigidity balance for front and rear wheel feedback. The curved aluminium swingarm is designed to be both hardwearing and handsome. 120/70-17 and 180/55-17 front and rear tyres deliver superbike-sized grip levels. Ride in style.

**12. DUAL AIR INTAKE DUCT**  
The CB650R is equipped with a dual air intake duct that pulls in fresh air directly from the front. This improves intake efficiency and optimises torque delivery.

**13. ASSIST/SLIPPER CLUTCH**  
The assist slipper clutch manages the six-speed gearbox while easing upshifts and downshifts with its light clutch lever action. It also prevents rear wheel lockup during rapid downshifting to allow smoothly controlled corner entry.

# FULLY EQUIPPED

## EVERYTHING YOU NEED, NOTHING YOU DON'T.

A premium motorcycle deserves premium equipment. So the CB650R Neo Sports Café gets tapered aluminium handlebars for total feel and leverage. Full LED lighting adds a crisp, contemporary edge and the distinctive circular headlight throws out a penetrating blue-tinted beam. The instrument display is digital LCD dash, including Gear Position and Shift Up indicator.

## SPECIFICATIONS

# CB650R

### ENGINE

|                           |   |
|---------------------------|---|
| Engine Type               | In Line 4 Cylinder, Liquid-cooled 4-stroke, 16-valve DOHC |
| Engine Displacement       | 649 cc  |
| Bore x Stroke             | 67 mm x 46 mm   |
| Compression Ratio         | 11,6  |
| Carburation               | PGM-FI electronic fuel injection                          |
| Max. Power Output         | 70.0 kW / 12.000 rpm (35.0 kW / 10.500 rpm)               |
| Max. Torque               | 64 Nm / 8.500 rpm (49 Nm / 4.500 rpm)                     |
| Fuel Consumption          | 4.9 L / 100 km  |
| CO <sub>2</sub> emissions | 112 g/km  |
| Battery Capacity          | 12V 8.6Ah   |

### TRANSMISSION

|                             |                             |
|-----------------------------|-----------------------------|
| Clutch                      | Wet multiplate, A.S. clutch |
| Final Drive                 | Chain                       |
| Gearbox / Transmission Type | 6-speed                     |

### CHASSIS

|              |               |
|--------------|---------------|
| Frame Type   | Steel Diamond |
| Caster Angle | 25.5°         |
| Trail        | 101 mm        |

### COLOURS

CANDY CHROMOSPHERE RED



GRAPHITE BLACK



JEANS BLUE METALLIC



CRYPTON SILVER METALLIC



### ACCESSORIES

FIND OUT MORE ABOUT THE GENUINE ACCESSORIES AVAILABLE IN OUR WEBSITE OR DOWNLOAD THE HONDA BIKES APP.

