

BMW

U.S. Press Information

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The new 2024 BMW CE 02

Woodcliff Lake, NJ – July 7, 2023...BMW Motorrad USA is proud to present the new 2024 BMW CE 02. It's electric, designed to appeal to young people and it's neither an e-motorbike nor an e-scooter. It's an eParkourer, created for the urban environment. Nimble, practical, tough, and reduced to the essentials in terms of design. Large wheels meet the demand for robustness and at the same time ensure riding fun on many differing terrains.

The 2024 BMW CE 02 will arrive in the U.S. with an MSRP of \$7,599 plus Destination.



"With the CE 02, we are striving for something new at BMW Motorrad and want to be pioneers once again. Thanks to its unusual proportions and striking graphics, the new CE 02 is an uncomplicated, youthful form of single-track mobility. The reduced design language stands for lightness and fun. The focus is not on utility, but on emotional appeal, riding pleasure and uncomplicated, almost intuitive use," explains **Edgar Heinrich, Head of BMW Motorrad Design.**

The disc wheels are designed to emphasize the proportions. Black as the basic color for the frame, wheels, front fender and triple clamp fairing, and granite grey metallic matt for the motor cover offer a contrast. The reduced design offers plenty of scope for your own design options. In this way, the new BMW CE 02 becomes a way for the owner to express himself. There are almost no limits to realizing your own design ideas and customizing the BMW CE 02.

The optional HIGHLINE package adds forks, anodized in gold and a tape design in combination with Petrol as a contrasting color make the CE 02 look dynamic and future-oriented even when standing still.

The highlights of the new BMW CE 02:

- Maximum power: 15 hp, rated power: 8 hp, torque: 40.6 lb-ft
- Two 48v, 1.96 kWh lithium-ion batteries.
- Steel frame and single-sided rear swingarm.
- Telescopic front forks
- BMW Motorrad ABS (front wheel only).
- ASC (Automatic Stability Control) and RSC (Recuperative Stability Control).
- Reversing aid
- Two standard riding modes "Flow" and "Surf".
- Third driving mode "Flash" as part of the optional HIGHLINE package.
- Low seat height of 29.5 inches.
- Suitable for riding two-up
- Keyless Ride.
- LED headlights, tail-light and turn signals.
- 3.5" micro TFT display.
- USB-C socket.
- Cradle mode in the BMW Motorrad Connected app.

- BMW Motorrad Connected Services
- 0.9 kW external charger for household sockets. 1.5kW quick charger part of optional HIGHLINE package.
- Anti-theft alarm preparation

Power

The new BMW CE 02 is powered by an air-cooled, current excited synchronous motor. Power is supplied by two air-cooled lithium-ion batteries with an operating voltage of 48 V and an energy content of 1.96 kWh each, which can be removed for care and maintenance purposes. With an output of 15 hp and 40.6 lb-ft, the new CE 02 accelerates quickly from traffic lights and offers a dynamic riding experience. With a top speed of 59 mph, progress is speedy and a range of more than 56 miles (according to WMTC) allows for extended urban adventures. Thanks to its low weight of only 291 lbs and the low seat height of only 29.5 inches, the new CE 02 is also characterized by its flickable handling characteristics.

Torque is transmitted from the synchronous motor on the right-hand side of the vehicle via a toothed belt to an intermediate shaft. From there, another toothed belt on the left side takes over the function of the secondary drive to the rear wheel. This sophisticated construction ensures the best possible center of gravity for neutral handling. ASC (Automatic Stability Control) ensures safe power transmission between the rear tire and varied road surface. RSC (Recuperation Stability Control) functions similarly to an engine drag torque control and specifically reduces the drag torque in overrun mode to keep the vehicle stable. At the same time, recuperation takes place in overrun mode. Reversing aid makes maneuvering simple and easy.

Ride Modes

The new CE 02 comes with two standard ride modes: "Flow" and "Surf". "Flow" offers the optimal drive set-up for floating along in urban traffic with a softer throttle response and medium energy recuperation. "Surf" provides a ride experience familiar to surfers: A direct throttle response permits dynamic acceleration, and zero recuperation enables maximum coasting and effortless cruising. The "Flash" driving mode is available as a sporty and dynamic addition and is part of the optional HIGHLINE package. In this mode, the new eParkourer from BMW Motorrad provides a very responsive, sporty, and dynamic riding experience.

External Charger

The new BMW CE 02 comes standard with a 0.9 kW external charger, which enables charging to be carried out quickly and conveniently using standard household outlets. A quicker 1.5 kW charger is available as part of the optional HIGHLINE package.

	0.9 kW	1.5 kW
20 - 80 %	170 min	140 min

Chassis

Thanks to its low weight of only 291 lbs. and the low seat height of only 29.5-inches, the new CE 02 is characterized by its agile handling. The new BMW CE 02 relies on a torsionally rigid double-loop frame made of tubular steel. The front wheel is guided by hydraulically damped 37 mm telescopic forks, while a single-sided die-cast aluminum swingarm is used at the rear, along with a directly linked shock absorber with adjustable spring base.

The 2.50 x 14-inch front and 3.50 x 14-inch rear cast light alloy disk wheels are fitted with wide 120/80-14 and 150/70-14 tires. The BMW CE 02 is decelerated by disc brakes at the front and rear and supported by BMW Motorrad ABS at the front wheel. Adjustable hand levers allow you to adapt hand reach to meet your personal preferences. The footrests allow the rider two leg positions in solo mode: relaxed on the rider footrests or sporty-dynamic on the passenger footrests.

TFT Screen

The cockpit includes an easy-to-read TFT display with information about speed, battery charge status and much more. A USB-C charging socket allows you to power a smartphone. Using the BMW Motorrad Connected app you can view the predicted end of charging on your smartphone thanks to networking via Bluetooth, same as on the BMW CE 04. When equipped with the optional HIGHLINE package, the cradle mode allows the BMW Motorrad app in the smartphone (held in a smartphone holder) to be controlled safely as an additional display using the keypad on the handlebar. With the BMW Motorrad Connected Services (also included in the HIGHLINE package) the charging status and other CE 02 vehicle information can be viewed at any-time via the app.

For information updates on the smartphone, the optional HIGHLINE package provides a direct data connection between the CE 02 and a backend (currently in Europe, USA, and Canada). The free BMW Motorrad Connected app also offers additional functions such as ride recording, which can also be shared with friends.

Colors

Cosmic Black

- Cosmic Black color
- Black seat
- Granite Grey Metallic and Silver contrasting colors
- 9 decals

Cosmic Black 2 (Highline Package)

- Cosmic Black 2 color
- Tri-color seat with white, petrol and black contrasting colors
- Granite Grey Metallic and Silver contrasting colors
- Gold forks
- 22 decals, including wheel decals

Standard Equipment

- 15 hp electric motor
- 0.9 kW charger
- Traction battery with low voltage technology
- Automatic Stability Control
- Upside down front forks
- Single-sided swingarm, rear pre-load adjustable
- Handlebar trim panel
- Disk cast wheels
- Electronic immobilizer
- LED headlight, taillight and turn signals
- 4-way multi-controller
- USB-C port
- On-board computer
- Flow and Surf ride modes

- Adjustable handbrake lever
- Keyless Ride
- Reversing aid
- Preparation for anti-theft alarm
- Connectivity and Power saving mode to reduce power / speed and increase range.

Optional Equipment

HIGHLINE Package

- Cosmic Black 2 with tri-color seat and contrasting highlights
- 1.5 kW quick charger
- Bluetooth interface
- Smartphone tray
- Ride Modes Pro with Flash mode
- Seat Pro
- Heated grips
- BMW Motorrad Connected Services
 - Alternate Last State Call

Accessories

- Black, Urban and Adventure collection 16-liter side cases.
- Black, Urban and Adventure collection 35–42-liter side cases.
- Black, Urban and Adventure collection 50–60-liter side cases.
- Light top case, 29 liters.
- Luggage carrier, black.
- Anti-theft alarm.

Specifications

		BMW CE 02
Drive type		Air-cooled excited synchronous
Rated power	hp	8
Maximum power	hp	15 @ 5,000 rpm
Torque	lb-ft.	40.6 @ 0 - 1,000 rpm
Maximum motor speed	rpm	6,700
High-Voltage battery type		Air-cooled lithium-ion
Battery capacity	kWh	3.92
Battery voltage	volts	48
Charging capacity	kW	1.5 or 0.9
Charging time 20 – 80%		2h 50m (0.9 kW charger) 2h 20m (1.5 kW charger)
Generator		DC/DC converter 215 W
Headlight		LED
Rear light		LED
Drive type		Belt
Total gear ratio	:1	7.8
Frame type		Tubular steel, double-loop frame
Front suspension		37 mm telescopic forks
Rear suspension		Cast-aluminum single-sided swingarm with spring/shock absorber
Spring travel, front/rear	inches	4.6
Wheel castor	inches	3.6
Wheelbase	inches	53.3
Steering angle	deg.	24.5
Brakes, front	inches (mm)	9.4-inch single disk with two-piston floating caliper
Brake, rear	inches (mm)	8.7-inch single disk with one-piston floating caliper
ABS		BMW Motorrad ABS (front wheel only)

Wheel, front	inches	14 x 2.50, die-cast aluminum
Wheel, rear	inches	14 x 3.50, die-cast aluminum
Tires, front / rear		120/80-14 / 150-70-14
Length	inches	77.6
Width	inches	33.3
Width with mirrors	inches	34.5
Height	inches	44.9
Seat height	inches	29.5
Unladed weight	lbs	291
Permitted total weight	lbs	687
Top speed	mph	59
Acceleration, 0 – 30 mph (50 kph)	seconds	3.0
Range, WMTC estimate	miles	56

BMW Group in America

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