

DATA & EQUIPMENT

THE BMW CE 04

The BMW CE 04 sparks a passion with its revolutionary design, its technology as well as the resulting opportunities. Find out all about the technical data and extensive equipment here.



TECHNICAL DATA

Engine

Type	Permanent-magnet liquid-cooled synchronous motor
Rated capacity	15 kW (20 hp) 11 kW (15 hp) with optional derating to 11 kW
Maximum power	31 kW (42 hp) at 4,900 rpm 23 kW (31 hp) at 4,000 rpm with optional derating to 11 kW
Max. torque	62 Nm at 1,500 rpm

Performance / fuel consumption

Maximum speed	120 km/h (electronically limited)
Acceleration	2.6 s from 0 – 50 km/h 2.7 s from 0 – 50 km/h with optional derating to 11 kW
Range according to WMTC	130 km 100 km with optional derating to 11 kW
Consumption of electrical energy according to WMTC	7.7 kWh/100 km
Recuperation	Automatic recuperation in overrun mode

Electrical system

Battery voltage (nominal)	148 V
Traction battery	Traction storage with high-voltage technology integrated in the vehicle underbody, central air cooling, permanently installed battery module, 40 lithium-ion battery cells, 8.5kWh (6.3 kWh with optional derating to 11 kW)
Charging capacity	2.3 kW with integrated charger 6.9 kW with optional quick charger
Charging power	Charging socket on vehicle type 2 (not US and CN); Charging cable with country-specific power plug
Standard charging time	Approx. 4h:20min for 0-100% and approx. 3h:30min for 0-80% Approx. 3h:20min for 0-100% and approx. 2h:25min for 0-80% with optional derating to 11 kW ¹⁾
Charging time with optional quick charger	Approx. 1h:40min for 0-100% and approx. 1h:05min for 0-80% Approx. 1h:10min for 0-100% and approx. 50min for 0-80% with optional derating to 11 kW ²⁾
Secondary battery	12 V / 5 Ah, maintenance-free
Alternator	DC/DC converter with 500 watts that has been integrated into the charger
ECALL	Intelligent Emergency Call

Power transmission

Transmission	1-speed transmission, integrated into motor housing
Secondary drive	Drive unit swing arm, toothed belt and gearbox with fixed transmission

Chassis / brakes

Frame	Steel double loop frame
Front suspension / spring elements	Single-bridge telescopic forks with 110 mm spring travel
Rear suspension / spring elements	Single-sided swinging arm/central spring strut with 92 mm suspension travel
Wheelbase	1,675 mm
Castor	120 mm
Steering head angle	63.5°
Wheels	Cast aluminium wheels (disc wheel or disc wheel optics)
Rim dimensions, front	3.50 x 15"
Rim dimensions, rear	4.50 x 15"
Tyre, front	120/70 R15
Tyre, rear	160/60 R15
Brake, front	Double disc brake 265 mm (4 piston fixed caliper)
Brake, rear	Single disc brake 265 mm (1 piston floating caliper)
ABS	BMW Motorrad ABS

Dimensions / weights

Seat height at kerb weight	780 mm (800 mm with optional comfort seat)
Inner leg curve at vehicle kerb weight	1,810 mm (1,856 mm with optional comfort seat)
Length	2,285 mm
Height (above windshield)	1,150 mm
Width (over mirrors)	855 mm
Unladen weight, road ready	231 kg
Permitted total weight	410 kg
Payload (with standard equipment)	179 kg

¹⁾ Depending on temperature and charging capacity
²⁾ Depending on temperature and charging capacity