



C9

THE WORLD'S FIRST
LONG-RANGE
12M BATTERY-ELECTRIC
OVER-THE-ROAD-COACH

0 EMISSION
PURE ELECTRIC

Safety

Intelligent Battery Management System (iBMS) assists with balancing and charging safety, helping produce the safest battery on the road.

Eco

Produce ZERO emissions, eliminates the need for particulate traps, and makes oil changes and other polluting consumables a thing of the past.

Saving

Energy consumption amounts 1.3 kWh/km (assuming 0.18 USD/km) while eliminating usual service costs associated with diesel, CNG and hybrid alternatives.

Longevity

Battery life is above 4000 cycles; no need for battery replacement under normal use.

Comfort

A quiet ride with zero emission is an ideal choice for rejuvenating energy along the road of green journey.

Longest Range

The industry leading driving range 250+ kilometers per charge.

World-Leading Technologies

Being one of the leading rechargeable battery manufacturers in the global arena, BYD is the only organization that majors in battery, electric motor and electronic control system.

1

Dual In-wheel Motor Solution
BYD's Dual In-wheel Motor Solution with integrated regenerative braking recovers 30% of lost braking energy and you get a quiet comfortable ride.

2

Electronic Control Technology
Reliable and proven CAN bus communication, together with the whole vehicle intelligent management and diagnostic system, has greatly saved the wiring space and makes your maintenance much more easier.

3

High Power Charging Technology
High power AC charging allows full charging from 0-100% SOC within 1.5-2 hours; no dependence on commercial charging stations; great savings on charging station investment & maintenance.

4

Battery
Billions of investment in the research, development and manufacturing of the Iron-Phosphate ("Fe") Battery on which we have performed numerous full-scale tests to ensure the highest possible safety and reliability. The Fe battery has been proven and widely used on our electric taxis and buses.



BYD C9 SPECS

Dimensions		Battery	
length/width/height	12,000 mm / 2,500 mm / 3,500 mm	Battery Type	BYD Fe Battery
Wheelbase	6,000 mm	Battery Capacity ①	320 kWh
Curb weight	14,100 kg	Charging	
Gross Weight	18,000 kg	AC Charging	80 kW (40 kWx2, 380V, AC, 3phase)
Seats	Up to 51	Charging Time ②	4h
Performance		Charging Adapter	
Top speed	100 km / h	Charging Mode	AC Charging
Max Gradeability	20%	Input voltage	Three phase AC 380V/400V
Min Ground Clearance	310 mm	Input current	≤126A
Range	≥250 km	Input power	≤80 kW
Turning Radius	≤12m	Physios	
Approach / Departure Angle	9°/9°	Size length/width/height	690mm/400mm/200mm
Chassis		Net weight	30 kg
Suspension	Air Suspension (ECAS system)	Length of the cable	3m
Brakes	Front & rear disc, ABS	Charging connector quantity	2
Tires	295/60R 22.5	Safety	
Motor		Protect function	Short circuit protection/Over-temperature protection/ Lightning protection
Motor Type	AC Synchronous Motor	Housing protection level	IP55
Max. Power	360 kW(180 kW x2)		
Max. Torque	3,000 Nm(1,500 Nm x2)		

NOTICE:

- ① The Battery capacity is initial capacity. It will decrease with time and use.
- ② The battery age and outside ambient temperature both play a role in charging times.
- ③ The above specifications are for the standard vehicle. It is subject to regional needs and regulations.

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