

BYD COACH SPECS

Dimensions	C8	C9
Length/Width/Height	10,640 mm / 2,500 mm / 3,520 mm	12,000 mm / 2,500 mm / 3,500 mm
Wheelbase	5,000 mm	6,350 mm
Curb Weight	13,500 kg	14,000 kg
Gross Weight	17,000 kg	18,000 kg
Seats	45+1	49+1
Performance		
Top Speed	≥100 km / h	≥100 km / h
Max Gradeability	≥20%	≥20%
Min Ground Clearance	310 mm	310 mm
Range ①	250 km	250 km
Turning Radius	≤12m	≤12m
Approach / Departure Angle	9°/10°	9°/10°
Chassis		
Suspension	Air Suspension	Air Suspension
Brakes	Disc/Disc,Wabco	Disc/Disc,Wabco
Tires	295/80R 22.5	295/80R 22.5
Motor		
Max. Power	360 kW(180 kWx2)	360 kW(180 kWx2)
Max. Torque	3,000 Nm(1,500 Nm x2)	3,000 Nm(1,500 Nm x2)
Battery		
Battery Type	BYD Iron-Phosphate Battery	BYD Iron-Phosphate Battery
Battery Capacity ②	324 kWh	324 kWh
Charging		
AC Charger	80 kW	80 kW
Charging Time ③	4-5 h	4-5 h

NOTICE

The above specifications are for the standard vehicle. It is subject to regional needs and regulations.

Specs updated: June 2017

① Test standard GB/T 19754: actual range will vary depending upon driving/charging habits, speed, conditions, weather, temperature, and battery age.

② The battery capacity is initial capacity. It will decrease with time and use.

③ The battery age and outside ambient temperature both play a role in charging times.

BYD AUTO CO., LTD.

ADD.: No. 3009, BYD Road, Pingshan, Shenzhen, P.R. China

TEL: +86-755-89888888 ext. 68631

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C8/C9

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



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 4,000 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 4-5 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 Battery on which we have performed numerous full-scale tests to ensure the highest possible safety and reliability. The Iron-Phosphate Battery has been proven and widely used on our electric taxis and buses.

