



BYD ebus specifications

Dimensions & Weight			Performance		
L / W/ H	mm	12000x2550x3360 (3150 without roof battery)	Electric Motor		
Wheel Base	mm	5950	Permanent Magnet Synchronous AC motor (Integrated in Rear Axle)		
Turning Radius	m	≤12	Top Speed	km/h	70
Tyre		275/70 R22.5	Motor Max. Power	kW	90×2
Approach/Departure Angle	7° / 7°		Motor Max. Torque	N.m	350×2
Body Material		Aluminum			

Range			Power Battery		Recharge System		
Urban Range (*)	km	≥250	Battery Type	Fe battery	Charging Power	kW	30×2
			Battery Capacity	Ah	Charging Time	h	5
			Battery Energy	kWh			

- Actual EV range might vary due to different driving conditions.
- All parameters above are for information purpose only and are subject to change.

Technical Index of AC Charging System

Electrics	Rated Input Voltage		3 ∅ 400Vac±10%
	Output Voltage		400V ac
	Max. Output Power		80kW
	Output Connector		IEC62196 standard 7PIN connector
	Charging Time		5h
Safety	Protection Function	Short circuit protection	
		Leakage protection	
		Over-temperature protection	
		Lightning protection	



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BYD ebus with Nordic Package

- Double-glazed tinted glass
- Panoramic front windscreen: Double-glazed toughened safety glass, with electric defogger
- Extra thermal and fireproofing insulation layer in body construction
- Heavy-duty protective paint for chassis and protective guard for chassis wire harness
- Auxiliary heating system keeps the compartment at a comfortable temperature even in extreme cold weather



Fe Battery



Fe Battery

The power battery for an electric bus should meet requirements for safety, energy density and low cost. BYD's Fe battery is the best choice meeting all of these criteria.

250 km



Extended Range

BYD ebus is able to run 250km on a single charge in urban conditions.

Customization



Customization

Different body types, interiors, ranges and loading capacity can be tailor-made according to customers' requirements, providing more operating flexibility.

20 years



All-aluminum Monocoque Body

Being corrosion-resistant for a life of more than 20 years, the monocoque aluminum body not only reduces curb weight, but also improves power and controls performance and lowers energy consumption. Meanwhile, it also enhances safety and comfort.

0 Emission

zero

Eco-Friendliness

BYD ebus has no tailpipe because it drives without a conventional engine, produces zero emissions and helps to improve air quality.

Battery Pack



Flexible Battery Pack Position

The battery pack position can be designed to meet any special requirements.

WVTA



WVTA

BYD ebus has received the EU's Whole Vehicle Type Approval, WVTA for short, allowing it to be sold in all EU member states without the need for individual national approval.

100km
130 kWh

Cost-saving

The energy consumption of BYD ebus is around 130kWh/100km in urban conditions. It saves up to 75% of fuel cost compared with a diesel bus. The longer you drive, the more you save.

