

Electric City Bus with 250-km Range



→ With a range of 250 kilometers on a single charge, this all-electric bus has the ability to deliver large-scale sustainable public transportation.



ENVIRONMENTAL

If all buses in Shenzhen, China, are replaced by the ebus, potential CO2 emissions reductions are over 1 million tons per year, according to company data.



SOCIAL

The ebus enables swift public transport at very low noise levels.



ECONOMIC

In Shenzhen alone, if all the public transportation were electrified, the city would save about \$563 million annually.

BYD ebus is a pure electric city bus with **no tailpipe emissions and very low noise levels**. The bus is powered by BYD's Fe (lithium iron phosphate) batteries, which are characterized by high energy density, long service time, and low cost, according to the company. Powered by three battery packs with a combined capacity of 324 kWh, the lightweight BYD ebus has a **range of 250 km** on a single charge in urban conditions.

With a charging power of 60 kW, BYD ebus can be fully charged in about 5 hours, and thus can be charged at night during off-peak hours. BYD says that the **chemical materials contained in the battery can be safely recycled**.

Why a Sustainia100 solution?

With the ebus, BYD aims to gradually replace gasoline or diesel buses with fully electric models that can dramatically reduce air pollution from the transportation sector. The ebus is estimated to reduce operating costs by 30% or more and fuel cost savings by up to 80% compared to a standard diesel bus.

Developed in China

Deployed in **The Netherlands, UK, Denmark, Uruguay, Hungary, Colombia, Canada, USA, China**



Solution by BYD Company Limited