

The BYD **K7M ER**

BATTERY ELECTRIC • ZERO EMISSIONS



ELECTRIC &
ECO-FRIENDLY

30' TRANSIT



Build Your Dreams®



A New Kind of Bus

Designed for transit applications, the K7M ER offers a range of up to 185 miles in a 102-inch-wide body. Transit systems demand high quality and extreme reliability, and the American-built K9M ER delivers.

BYD's unique iron-phosphate batteries are the safest in the industry and come with a standard 12-year warranty, ensuring that you never have to pay for battery replacement during the service life of the bus.

The innovative BYD leasing program offers flexible financing options that are tailored to your needs. With a lower total cost of ownership than diesel or CNG, it has never made more sense to electrify your fleet.



The BYD **K7M ER**

30' TRANSIT

Dimensions

Length	29.9 ft
Width	101.6 in
Height	134 in
Wheelbase	175.8 in
Curb Weight	27,000 lbs
Gross Weight	35,274 lbs
Seats	Up to 20 + 1
Wheelchair Positions	2

Performance

Top Speed	65 mph
Range ¹	Up to 185 miles
Turning Radius	31 ft
Approach / Departure Angle	8.6°/8.6°

Chassis

Front Axle	ZF
Rear Axle	BYD in-wheel drive axle
Suspension	Air suspension with mechanical leveling valves
Brakes	Front & rear disc-brakes, ABS, regenerative braking
Tires	305/70 R22.5

Powertrain

Motor Type	AC Synchronous
Max Power	150 kW×2
Max Torque	550 N·m×2
Battery Type	Iron Phosphate
Battery Capacity ²	266 kWh
Charging Capacity	80 kW
Charging Time ³	3.5-4 hrs

Notes:

All information based on the latest data available at the time of printing. Final specs subject to change at production.

1. Variables affecting range include air temperature, weather, grade, speed, driver habits and use of air conditioning and heating.
2. Initial battery capacity shown. May decrease with time and use.
3. Battery age and outside ambient temperature affect charging times.



Build Your Dreams®



byd.com