The BYD K9S+K9S ER

BATTERY ELECTRIC • ZERO EMISSIONS

ELECTRIC & STANSIT





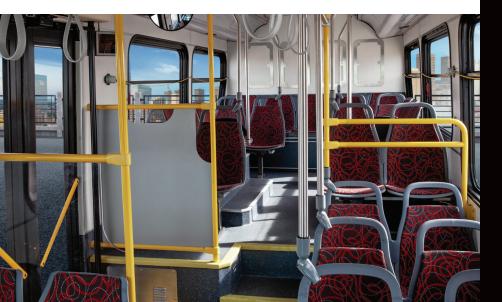


A New Kind of Bus

Transit systems demand high quality and extreme reliability, and the American-built K9S and K9S ER deliver. The all-new 35' K9S ER offers a range of up to 215 miles on a single charge, while the classic 35' K9S can travel up to 145 miles.

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 (K9S+K9S ER

35' TRANSIT

Dimensions

| Length | 35.8 ft |
|--------------|-------------------------------|
| Width | 101.6 in |
| Height | 134 in |
| Wheelbase | 222.7 in |
| Curb Weight | 28,660 lb (K9S ER: 29,762 lb) |
| Gross Weight | 40,784 lbs |
| Seats | Up to 32 + 1 |
| Wheelchair | 2 |
| Positions | |

Performance

| Top Speed | 65 mph |
|--------------------|---------------------------|
| Range ¹ | Up to 145 miles |
| | (K9S ER: Up to 215 miles) |
| Turning Radius | 39 ft |
| Approach/ | 8.6°/8.6° |
| Departure Angle | |

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 (K9S ER: 391 kWh) |
| Charging Capacity | 80 kW |
| Charging Time ³ | 3.5-4 hrs (K9S ER: 4.5-5 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
- 3. Battery age and outside ambient temperature affect charging times.



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