

# The BYD **K9S+K9S ER**

BATTERY ELECTRIC • ZERO EMISSIONS



ELECTRIC &  
ECO-FRIENDLY

**35' TRANSIT**



*Build Your Dreams®*





## 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 Positions	2

### Performance

Top Speed	65 mph
Range <sup>1</sup>	Up to 145 miles (K9S ER: Up to 215 miles)
Turning Radius	39 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 <sup>2</sup>	266 kWh (K9S ER: 391 kWh)
Charging Capacity	80 kW
Charging Time <sup>3</sup>	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 and use.
3. Battery age and outside ambient temperature affect charging times.



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