



MOST RELIABLE

Battery Electric Truck

Up to 28,000 kg GVW,

Up to 120 km Driving Range per Charge(CHTC)



T9SJ

The 100% Battery Electric Refuse Collection Vehicle Affordable, Dependable, & Environmentally Friendly

BYD's truck utilizes the first battery that was purpose-built for vehicle electrification. Our proprietary iron phosphate technology is the core of BYD's vehicle, enabling up to 200km driving range between charges and gradual battery degradation. This truck is designed to fit seamlessly into your fleet without changing the way you do business.

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- ✓ Environmentally friendly: no heavy metals or toxic electrolytes.
 - ✓ High-efficiency, transversely mounted motors that are integrated with the drive axle.
 - ✓ Regenerative braking extends battery life and reduces brake component wear.
 - ✓ BYD Iron-Phosphate battery is super safe and will not explode even in fire.



LONG DUTY CYCLE

BYD's breakthrough battery technology enables up to 200 km driving range for long time operation.



FUEL SAVINGS

Pure electric drive can save not only fuel, but your money. (Depends on different regions and fuel/electric prices).



LONG-LASTING

BYD's batteries will still have 70% strength of charge after 3,500 cycles.



MAINTENANCE SAVINGS

No engine and motor oil. Lower maintenance on propulsion system, fewer fluids to change, less brake wear, and fewer moving parts.



ENVIRONMENTAL

0 emissions, 0 pollution. The battery does not contain heavy metals and toxic substances.



SAFE

No propensity to combust: no oxygen released, thermal balancing, and no cell swelling. Proprietary Battery Management System (BMS) assists with balancing and charging safety.

VEHICLE TYPE

3-Axle Chassis with Cab

Dimensions	Length	7,695 mm
	Width	2,550 mm
	Height	3,080 mm
	Wheelbase	4,000+1,350 mm
	Curb Weight	9,625 kg
	GVWR	28,000 kg
Performance	Top Speed	60 km/h
	Range	120 km
	Gradeability	30%
	Approach/Departure Angle	17° / 40°
Chassis	Suspension	Leaf Spring
	Driving Form	6×4
	Brakes	Pneumatic Drum Brakes, ABS, Regenerative Braking
	Tires	295/80R22.5
Powertrain	Motor Type	AC Permanent Magnet Synchronous Motor
	Max Power	150×2 kW
	Max Torque	550×2 Nm
	Battery Type	Iron-Phosphate
	Battery Capacity	217 kWh
	Charging Capacity	DC120 kW
	Charging Time	2

Note: 1. All information based on the latest data available at the time of printing. Final specs subject to change at production.
2. Initial capacity shown. Numbers may decrease with time and use.
3. Battery age and outside ambient temperature affect charging times.