



MOST RELIABLE

Battery Electric Truck
16,000 kg GVWR, Long-Range



T8

The 100% Battery Electric Truck 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 delivery truck, enabling up to 250 km 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.

WHAT SETS BYD APART



LONG DUTY CYCLE

BYD's breakthrough battery technology enables up to 165 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 80% strength of charge after 4,000 cycles or 10 years if cycled every day.



MAINTENANCE SAVINGS

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



EMISSIONS REDUCTIONS

0 emissions, environment friendly. Decreases CO2 emissions up to 36 tons per year.



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	T8A	T8B	T8SA	
Dimensions	Length	8,870 mm	8,290 mm	8,265 mm
	Width	2,500 mm	2,500 mm	2,500 mm
	Height	3,200 mm	3,000 mm	3,000 mm
	Wheelbase	4,500 mm	4,500 mm	4,500 mm
	Curb Weight	13,000 kg	10,680 kg	14,750 kg
	Gross Weight	16,000 kg	16,000 kg	16,000 kg
Performance	Top Speed	85 km/h	85 km/h	85 km/h
	Max Gradeability	30%	30%	30%
	Range	165 km	5 h	4 h
	Turning Radius	10,000mm	10,000mm	10,000mm
	Approach/ Departure Angle	19°/ 16°	14°/ 10°	19°/ 5°
Chassis	Suspension	Leaf Spring	Leaf Spring	Leaf Spring
	Brakes	Pneumatic Disc Brakes, ABS, Regenerative Braking	Pneumatic Disc Brakes, ABS, Regenerative Braking	Pneumatic Disc Brakes, ABS, Regenerative Braking
	Tires	10.00 R20	10.00 R20	10.00 R20
Powertrain	Motor Type	AC Permanent Magnet Synchronous Motor	AC Permanent Magnet Synchronous Motor	AC Permanent Magnet Synchronous Motor
	Max Power	180 kW	180 kW	180 kW
	Max Torque	1,500 Nm	1,500 Nm	1,500 Nm
	Battery Type	Iron-Phosphate	Iron-Phosphate	Iron-Phosphate
	Battery Capacity	175 kWh	175 kWh	297 kWh
	Charging Capacity	40 kW	40 kW	40 x 2 kW
	Charging Voltage	380V AC 3-phase	380V AC 3-phase	380V AC 3-phase
	Charging Time	4.5 h	4.5 h	4 h

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.