



MOST RELIABLE

Battery Electric Terminal Tractor

Up to 75,000 kg GCW MAX

Up to 100 km Driving Range per Charge



The 100% Battery Electric Terminal Tractor Affordable, Dependable, & Environmentally Friendly

BYD's tractor utilizes the first battery that was purpose-built for vehicle electrification. Our proprietary iron phosphate technology is the core of BYD's towing vehicle, enabling up to 100 km driving range between charges and gradual battery degradation. This tractor 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 100 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

4,000 cycles



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

75,000 kg GCW MAX

Dimensions	Length	5,950 mm
	Width	2,550 mm
	Height	3,080 mm
	Wheelbase	3,550 mm
	Curb Weight	8,000 kg
	GCWR	41,830 kg
Performance	Top Speed	85 km/h
	Range	100 km
	Turning Radius	6,510 mm
	Approach/ Departure Angle	18° / 36°
Chassis	Suspension	Leaf Spring
	Brakes	Pneumatic Disc Brakes, ABS optional, Regenerative Braking
	Tires	12R 22.5
Powertrain	Motor Type	AC Permanent Magnet Synchronous Motor
	Max Power	180 kW
	Max Torque	1,500 Nm
	Battery Type	Iron-Phosphate
	Battery Capacity	217 kWh
	Charging Power	AC 40 kW / DC 120 kW
Charging Time	6 hr (40 kW) / 2 hr (120 kW)	

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