



ELECTRIC TOUGH



LONG-RANGE BATTERY ELECTRIC CLASS 6 – CAB CHASSIS – 23,600 LBS GVWR

100% BATTERY-ELECTRIC CLASS-6 TRUCK

Affordable, Dependable and Environmentally Friendly

The T7 utilizes the first battery specifically designed for vehicle electrification. Our proprietary iron phosphate technology is the core of BYD's Class-6 truck, enabling 124 miles of range with minimal battery degradation. The 23,600 lbs GVWR Class-6 truck is manufactured at BYD's Lancaster, CA facility and is compliant with FMVSS and CMVSS regulations.

-
- ✓ Environmentally friendly: no heavy metals or toxic electrolytes
 - ✓ Regenerative braking extends battery life and reduces brake component wear
 - ✓ Highly efficient, transversely mounted motors that are integrated with the drive axle
 - ✓ Vehicle-to-Grid (V2G) system that allows the truck to deliver power back to the grid, to a load, or to another vehicle

WHAT SETS BYD APART



Build Your Dreams™



HIGH PERFORMANCE

BYD's breakthrough battery technology enables 124 miles of range.



ECO-FRIENDLY

Each truck equals 450 metric tons of CO2 eliminated or 430 acres of US forests saved.⁴



FUEL SAVINGS

\$8,200 annual savings assuming 100 miles per day and 6 days per week.



LONG-LASTING

BYD's batteries will still have 80% strength of charge after 5,000 cycles or 14 years if cycled every day.



SAFE

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



MAINTENANCE SAVINGS

\$4,600 annual savings. Fewer moving parts, less brake wear, and fewer fluids to change.

VEHICLE

T7

VEHICLE	T7	
Dimensions	Length	24.4 ft
	Width	88.6 in
	Height	129.9 in
	Wheelbase	167.3 in
	Curb Weight	12,974 lbs
	Gross Weight	23,578 lbs

Performance	Top Speed	56 mph
	Max Gradeability	30%
	Range	124 miles
	Turning Radius	30 ft
	Approach/ Departure Angle	21° / 13°

Chassis	Suspension	Leaf Spring
	Brakes	Pneumatic Disc Brakes, ABS, Regenerative braking
	Tires	245/70 R 19.5

Powertrain	Motor Type	AC Permanent Magnet Synchronous Motor
	Max Power	201 hp
	Max Torque	406 lbs-ft
	Battery Type	Iron-Phosphate
	Battery Capacity	175 kWh
	Charging Rate	100 kW
	Charging Voltage	480 V AC 3-phase
Charging Time	1.75 hrs	

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.
4. According to the California Air Resources Board GHG calculator based on 310,000 miles