

T880E1

SPECIFICATIONS



THE ALL-NEW T880E1



PACCAR ePOWERTRAIN

Configuration	6x4	Continuous Power	Peak Power	Peak Torque	Battery Strings
GCW	Class 8: Up to 82,000 lbs. <i>Configuration Specific</i>	365 hp (270 kW)	470 hp (350 kW)	1,850 lb-ft	2 to 5
Transmission	Integrated 3-Speed	415 hp (310 kW)	540 hp (400 kW)	1,850 lb-ft	3 to 5
eMotor Weight	847 lbs.	470 hp (350 kW)	605 hp (450 kW)	1,850 lb-ft	3 to 5
System Voltage	650V				
Current AC	520 A (Peak) / 350 A (Cont.)				
Wheelbase	Minimum 190"				

Battery:

String Configuration	Capacity (kWh)	Range Estimated (mi)
2	250	100
3	375	150
4	500	200
5	625	250

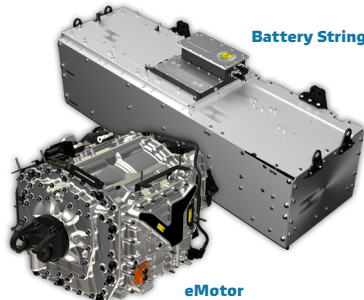
ePTO:

25 kW Low-Power Socket
150 kW High-Power Socket
Factory-Installed Dash Switches

Disclaimer: Actual range depends on many factors including geography, climate, operator and duty cycle.

Charging

DC Fast Charger, 350 kW Standard
Optional 19 kW AC Charger



Warranty & Serviceability:

Component	Warranty	Months	Mileage/Hours
HD Electrical Drive System	Standard	36	300,000 mi ¹
	Extended	150	500,000 mi ¹
Battery*	Standard	200	500,000 mi

* 4,000 Cycles & 70% SoH

¹ eMotor, eAccessories, eControls, ePowertrain Related Components



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Note: Equipment and specifications in this brochure are subject to change without notice. Images of equipment/components shown in this brochure are not to scale. Consult with your Kenworth dealer at time of ordering for standard and optional equipment and are subject to supply/availability.

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DRIVING TO
ZERO
EMISSIONS™



The Industry's First Electric Class 8 Work Truck

- Available in 6x4 Truck or Tractor
- Set-Back or Set-Forward Front Axle Configuration
- Up to 82,000 GCWR
- Up to a 625 kWh Battery with 250+ Miles of Range
- Midship eMotor, Providing Flexible Frame Lengths and Content
- Industry-Leading 350 kW Charge Rate
- Available with DigitalVision Mirrors, Enhancing Jobsite Visibility



DriverConnect Display

- 15" Touchscreen B-Panel Display
- BEV-Specific App Integration
- Ergonomic Design for Ease of Use



Work-Truck Focused

- Customizable Wheelbase & Lift Axles
- Seamless Body Integration
- Heavy Rear Suspension & Axles Available



ePTO Integration

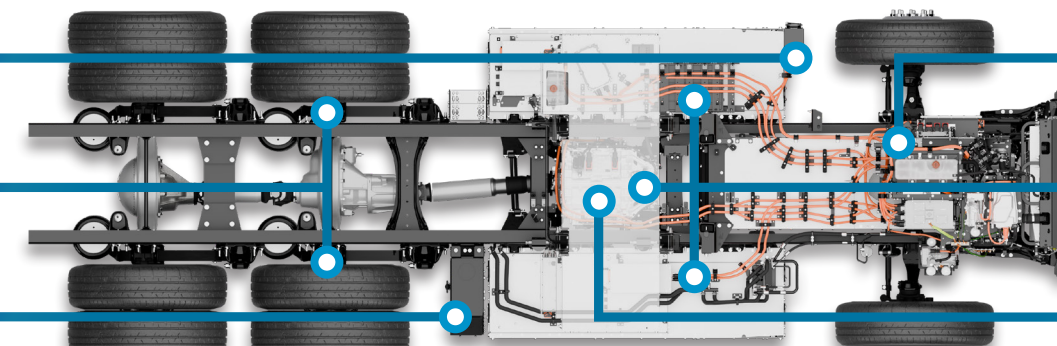
- Factory Routings & Harnessing Available
- Factory Dash Switches Available
- Multiple ePTO Power Options

T880E1 BATTERY ELECTRIC VEHICLE CHASSIS OVERVIEW

Driver Friendly
Charge Port
Location

Traditional
Rear Axles &
Suspensions

Low Voltage
Battery Box



Power Controls
& Accessories
Module

Energy Storage
Systems (ESS)

E-Motor &
Transmission

- Fully Integrated PACCAR ePowertrain
- Lithium Iron Phosphate Battery Chemistry
- 3-Speed Integrated Transmission
- Ratings up to 450 kW/605 hp peak, 1,850 lb-ft

BATTERY STRING CONFIGURATIONS

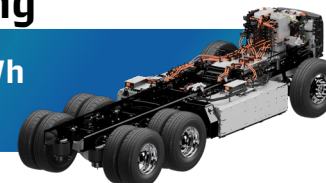
2 String

250 kWh
100 mi



3 String

375 kWh
150 mi



4 String

500 kWh
200 mi



5 String

625 kWh
250 mi

