

T280E T380E T480E

SPECIFICATIONS



T280E T380E T480E



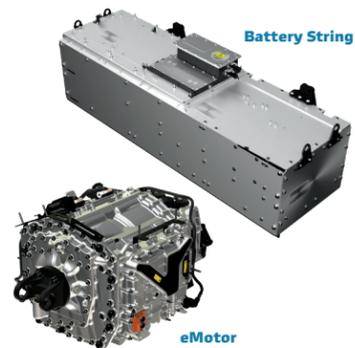
PACCAR EPOWERTRAIN

Configuration	4x2 & 6x2 Model Dependent
GCW	Class 6-8: 19,500 - 82,000 lbs. Model Dependent
Transmission	Integrated 3-Speed
eMotor Weight	847 lbs.
System Voltage	650V
Current AC	520 A (Peak) / 350 A (Continuous)
Wheelbase	Minimum 164"

Charging

DC Fast Charger,
Up to 350 kW
Standard

Optional 19 kW
AC Charger



Model & eMotor Options:

	Peak Torque (lb-ft)	1,100	1,100	1,100	1,850	1,850	1,850
Peak Power (hp)	355	405	470	470	540	605	
Continuous Power (kW / hp)	170 / 227	220 / 295	270 / 362	270 / 362	310 / 415	350 / 470	

Model	Battery Strings	Battery Capacity (kWh)					
T280E	2	250	✓	✓	✓		
T380E	2	250	✓	✓	✓	✓	
T380E	3	375	✓	✓	✓	✓	✓
T480E	2	250			✓	✓	
T480E	3	375			✓	✓	✓

ePTO:

Options	Models	Battery Strings
25 kW Low-Power Socket	ALL	2
150 kW High-Power Socket	T380E, T480E	3
Factory-Installed Dash Switches	ALL	2 & 3

Warranty & Serviceability:

Component	Months	Mileage
ePowertrain ¹	36	300,000
Energy Storage ²	84	Unlimited
Power Control Accessories ³	12	100,000

¹ eMotor, Inverter, eActuators, ECU

² High Voltage Batteries Rated to 4,000 Cycles at 70% SoH, Relay Boxes, S-Box

³ Charge Control Devices, eAccessories, HV Junction Box



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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™



Next-Generation Zero-Emissions Platform

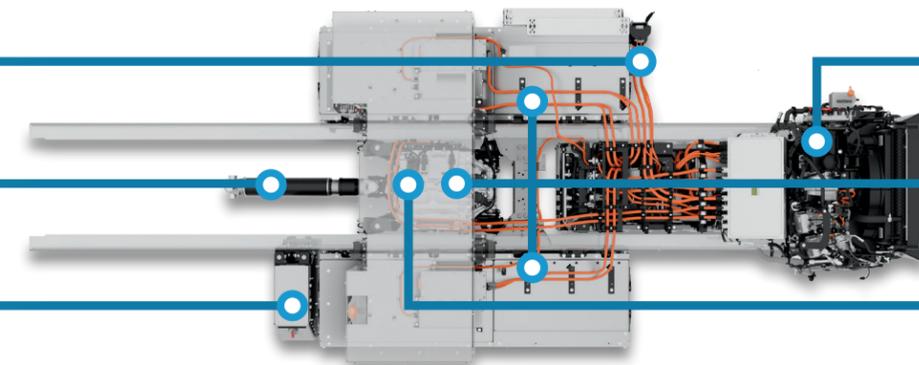
- Available in 4x2 or 6x4 Truck or Tractor
- Industry Leading 350 kW Charge Rate
- eMotor Power Ratings up to 450 kW / 605 hp Peak
- Up to 280 Miles of Range with 375 kWh Battery
- Select ADAS Features Available

MEDIUM DUTY 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 (LFP) Batteries
- 3-Speed Integrated Transmission
- Ratings up to 450 kW / 605 hp peak, 1,850 lb-ft



DC Fast Charge Rates

- 2 String Charges at up to 282 kW
- 3 String Charges at up to 350 kW
- 0-80% in 75 Minutes at 350 kW



Class-Leading 15" Display

- Driver Configurable
- BEV-Specific Display, Data & User Interface
- Adaptive Range Estimations



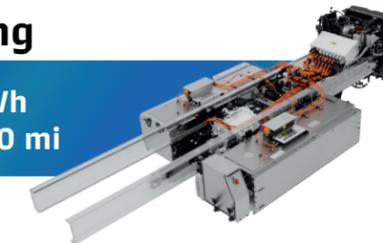
LED Headlights

- Integrated Lens Heater
- Increased Visibility Range
- Reduced Power Consumption

BATTERY STRING CONFIGURATIONS

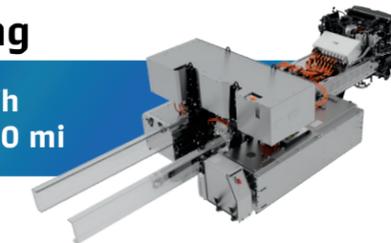
2 String

250 kWh
135-200 mi



3 String

375 kWh
200-280 mi



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