ePowertrain
Meritor 14Xe®
200 kW Power Per Axle
2-Speed Transmission
6x4 Axle

Battery
396 kWh CATL Lithium
Iron Phosphate Batteries

Wheelbase
152" 216" with E-PTO

Gross Axle Weight Rating
Front Axle Meritor MF313 Plus 13.2K
Front Axle Meritor MF314 Plus 14.8K
Rear Axle Meritor Tandem E-Axle 40K DUAL

Suspensions
Front Suspension Taperleaf Lightweight 13.2K Rear Suspension A400L 40K DUAL 52"

Wheels/Tires/Brakes
Wheels – 22.5" Polished Aluminum
Tires – FR Bridgestone R213 Ecopia 295/75R22.5
Tires – RR Bridgestone M713 Ecopia 295/75R22.5
Front Brakes – Meritor Air Disc Brake
Rear Brakes – Meritor Air Disc Brake
(Included w/ E-Axle)

Frame and Equipment
11 5/8" Steel Frame Rails
Fifth Wheel – Jost J5K37USB-A7PX24
Cab
T680 Classic Cab
Stamped Aluminum
Blue Accentuated Interior Package
Kenworth GT707 High Back Driver Seat
Kenworth GT100 High Back Toolbox Rider Seat
Heater and Air Conditioning
Cruise Control
Power Windows
Power Mirrors
AM/FM/USB Bluetooth Radio

E-PTO
118 kW Plug
58 kW Mechanical SAE C Flange

Preventative Maintenance

System
E-PTO
118 kW Plug
58 kW Mechanical SAE C Flange

Type of Fluid
PTP 6150/56
PTP 6250/56

Capacities
2.5 Gallons (9.5 L)
2.5 Gallons (9.5 L)

Service Interval
3 Years
3 Years

Preparation
Battery
M2-50 Low Cold Cranking AM Lab080000 24V Cold Start/50 Proven outfit

Power Steering
Meritor SG340FT 750 SAE 40W

Cap A/C
See Refrigerant Fill Label

Coolant
Total is 9.5 qt (9L) for the ePowertrain (includes axle housing and transmission)

Preventative Maintenance

Chiller
TRP ELC50/50

Capacities
10.5 Gallons (39.7 L)

Service Interval
2 Years

Radiator
10.25 Gallons (38.8 L)

Capacities
10.25 Gallons (38.8 L)

Service Interval
2 Years

Propulsion Battery Pack
Catl Lithium Iron Phosphate Batteries

Capacities
396 kWh CATL Lithium Iron Phosphate Batteries

Service Interval
As Needed

Power Steering
BASF Emgard FE 75W-90

Capacities
2.5 Quarts (2.4 L)

Service Interval
First 15,000 Miles Then Every 120,000 Miles or Every Year

Differential
Castrol Syngear 75W-90

Capacities
2.1 Gallons (8 L) Per Wheel End

Service Interval
First 2,500 Miles Then Every 50,000 Miles

Frame and Equipment
11 5/8" Steel Frame Rails
Fifth Wheel – Jost J5K37USB-A7PX24

Note: Equipment and specifications shown in this brochure are subject to change without notice. Consult with your Kenworth dealer at time of ordering for standard and optional equipment.
As you look for ways to meet increasingly stringent urban restrictions on noise and emissions, we have a solution: Kenworth T680E battery-electric truck, built on the popular and proven class 8 T680 platform. Combining superior visibility, maneuverability and driver comfort with a fully-integrated, state-of-the-art electric ePowertrain. High-density battery packs deliver up to a 150 mile range with zero emissions and a rapid 3 hour DC recharge. Perfect for port drayage, pickup and delivery, and last mile logistics applications.

### Long Life Lithium Iron Phosphate Batteries
- 396 kWh Storage Capacity
- Up to 150 kW Max Charge Rate
- 3 Hour Charge Time Depending on Infrastructure**
- 650 Nominal Voltage

### Practical & Proven Performance
- 150 Mile Estimated Range
- Top Speed 70 MPH
- 536 HP Continuous / 670 HP Peak
- 1,623 LB-FT Torque
- 82,000 LB GCWR

### Compact Design ePowertrain
- Meritor 14Xe Axle
- Two Speed Integrated Transmission
- Continuous Power - 200 kW Per Side, 250 kW Per Axle
- Peak Power - 250 kW

### Energy Storage
- Lithium Iron Phosphate Batteries
- Active Thermal Management
- 150 Miles Estimated Range

### Drive Inverters
- Meritor 14Xe ePowertrain

### Power Controls & Accessories
- Charger
- Vehicle Software
- Air Compressor

### CCS1 Charging Port
- Regenerative Braking

### Charging & Infrastructure Solutions
- PACCAR chargers ranging from 20-350kW
- Strategic partnership with EnTech Solutions and Schneider Electric
- Site assessment and installation