

ePowertrain

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

Battery

396 kWh CATL Lithium
Iron Phosphate Batteries

Wheelbase

190"
216" with E-PTO

Gross Axle Weight Rating

Front Axle Meritor MFS13 Plus 13.2K
Front Axle Meritor MFS14 Plus 14.6K
Rear Axle Meritor Tandem E-Axle 40K Dual

Suspensions

Front Suspension Taperleaf Lightweight 13.2K
Rear Suspension AG400L 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 JSK37USB-A7PX24

Cab

T680 Classic Cab
Stamped Aluminum
Blue Accented Interior Package
Kenworth GT701 High Back Driver Seat
Kenworth GT100 High Back Toolbox Rider Seat
Heater and Air Conditioning
Cruise Control
Power Windows
Power Mirrors
AM/FM/WB/USB Bluetooth Radio

E-PTO

118 kW Plug
58 kW Mechanical SAE C Flange

Scan this QR code for
more information.



Preventative Maintenance

System	Type of Fluid	Capacities	Service Interval
Chiller	TRP ELC50/50	10.5 Gallons (39.7 L)	2 Years
Cab Heater		1.5 Gallons (4.7 L)	
Radiator		10.25 Gallons (38.8 L)	
Propulsion Battery Pack	50/50 Low Conductivity GM 12378390-DEX Cool 50/50 Premix Coolant	To Center Line of Reservoir Sight Glass	2 Years
Power Steering	BASF Emgard FE 75W-90	2.5 Quarts (2.4 L)	First 15,000 Miles Then Every 120,000 Miles or Every Year
Cab A/C	See Refrigerant Fill Label	10 Ounces of SP-A2 Non Conductive Oil and R134a	As Needed
ePowertrain	BASF Emgard MTF7000 40W Shell SPIRAX S6 GME 40	Total is 9.5 qt (9L) for the ePowertrain (includes axle housing and transmission)	50,000 Miles
ePowertrain Housing Differential	Castrol Syngear 75W-90	2.1 Gallons (8.1 L) Per Wheel End	First 2,500 Miles Then Every 50,000 Miles



DRIVING TO
ZERO
EMISSIONS

T680E



INTRODUCING KENWORTH'S ZERO EMISSION, CLASS 8 BATTERY-ELECTRIC TRUCK

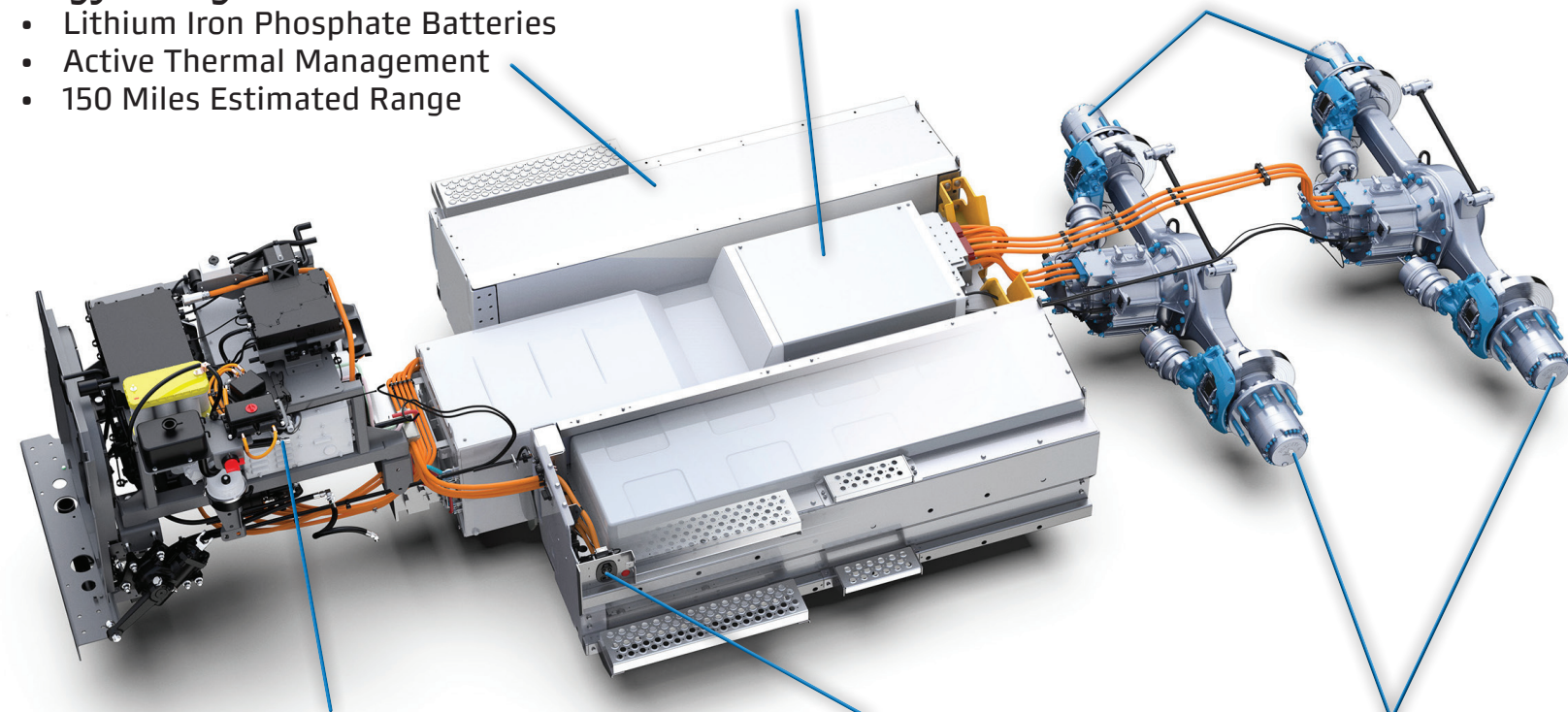
As you look for ways to meet increasingly stringent urban restrictions on noise and emissions, we have a solution: Kenworth T680E battery-electric truck, built on the popular and proven class 8 T680 platform. Combining superior visibility, maneuverability and driver comfort with a fully-integrated, state-of-the-art 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.

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

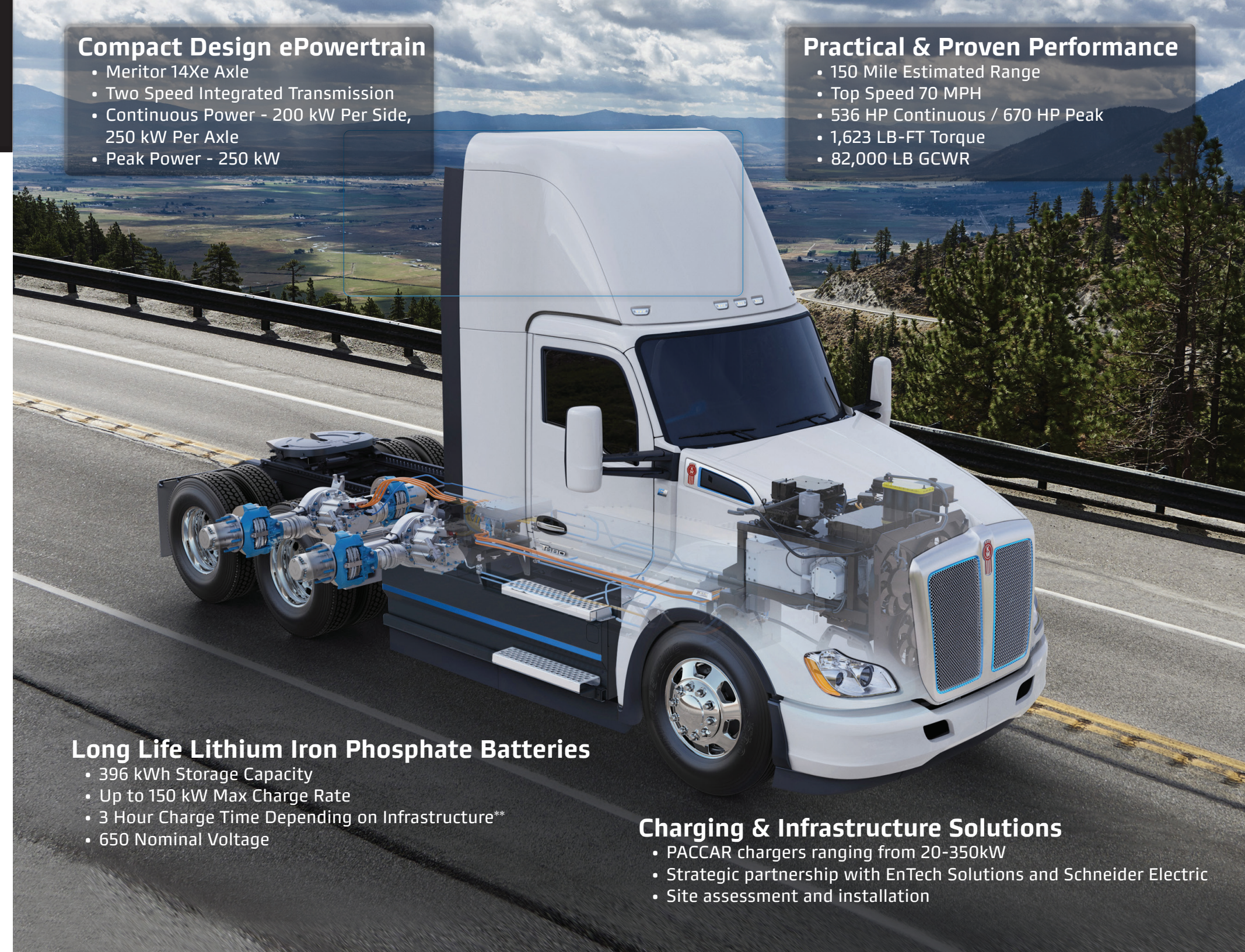
Regenerative Braking

Compact Design ePowertrain

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

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



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

Charging & Infrastructure Solutions

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