



579EV

Zero
Emissions
Vehicle

579EV

Peterbilt leads the industry in alternative powertrain offerings with the availability of the Model 579EV, an all-electric Class 8 vehicle. The 579EV joins Peterbilt's Model 220EV and Model 520EV for the most complete lineup of electric vehicles. The 579EV provides environmentally conscious customers a zero emissions, high-performance vehicle for clean, efficient operation and lower overall maintenance.

The 579EV Day Cab configuration features a battery-electric drive system that uses the energy stored in large packs of lithium iron phosphate batteries to meet the propulsion and other power requirements. Varieties of innovative, advanced technologies use the battery energy efficiently while achieving superior vehicle performance.

The 579EV Day Cab is ideal for short haul and drayage applications in port operations. This application provides many opportunities for stops and starts and the use of regenerative braking, which transfers energy back into the battery packs to extend operating range and reduce brake pad wear, providing energy efficiency with a smooth, quiet ride.



TECHNICAL SPECIFICATIONS

- GCWR – 80,000 lbs.
- Power Rating – 400 kW (536 hp) Continuous
500 kW (670 hp) Peak
- Energy Storage Capacity – 396 kWh*
- DC Battery Recharge Time – 3.5 Hours*
- Estimated Daily Range – 150 Miles*

* Technical specifications are dependent on configuration and component selected.

