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Peterbilt Electric Vehicles



AVAILABLE NOW



579EV



520EV



220EV

LEADING THE CHARGE



Applications for EV Adoption



Less than 200 Miles Driven Each Day

Cube Out / LTL / Diminishing Load

Stop Start Duty Cycle

Return Home Every Night



579EV



520EV



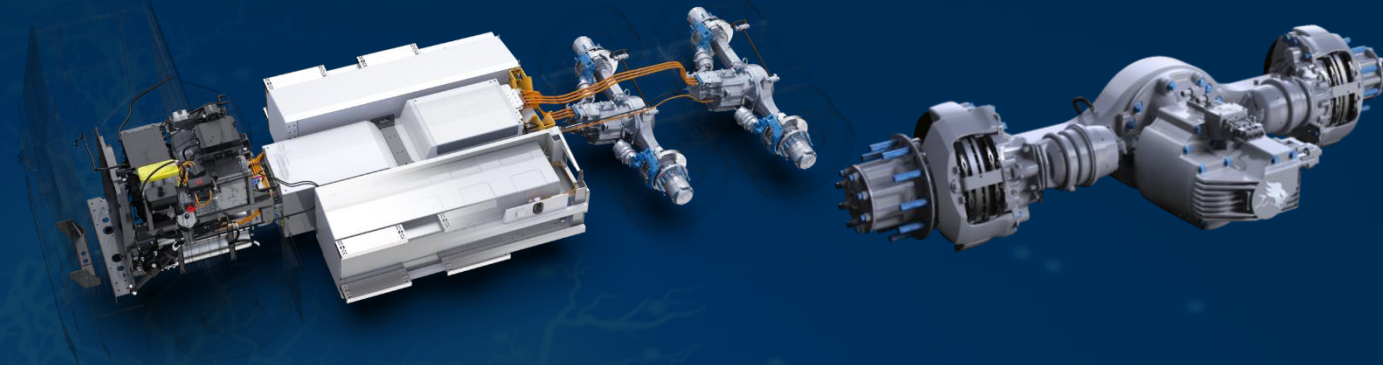
Class 8 Peterbilt 520EV



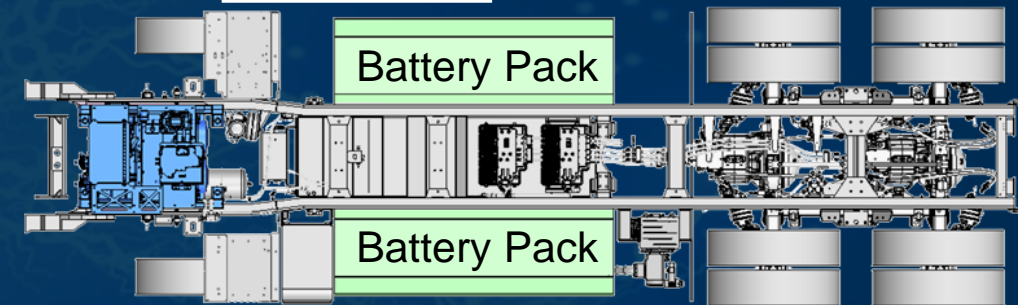
S20EV Spec Overview



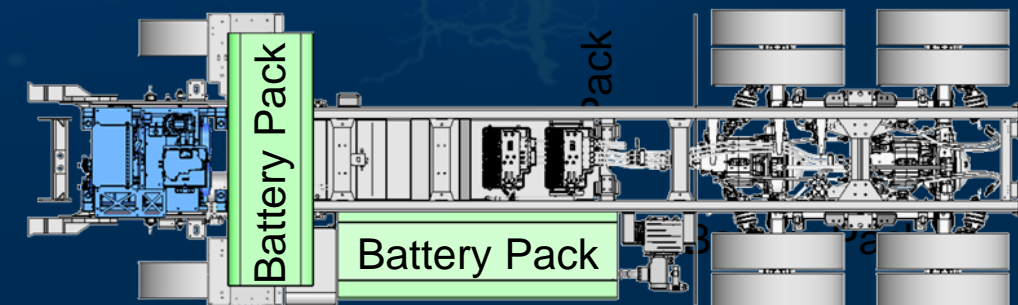
- Powertrain - Meritor eAxle
 - 6x4 - 80,000 # GVW
- Wheel Bases: 200" & 215"
 - ePTO Options Available
 - Front/Rear/Side Loader Configurations
- Power:
 - 400kW (536hp) continuous
 - 500kW (670hp) peak
- Range:
 - 80 – 120 Miles Range / 1,100 Bins / 400 kWh Battery Pack
- Thermally Managed Batteries
- 6,000 - 7,000 lb. Weight Increase
- Charge Time
 - AC Charging: ~36 Hours
 - Fast DC Charging: 3.1 Hours



215" Front/Rear Loader with ePTO



215" Right Side Loader with ePTO



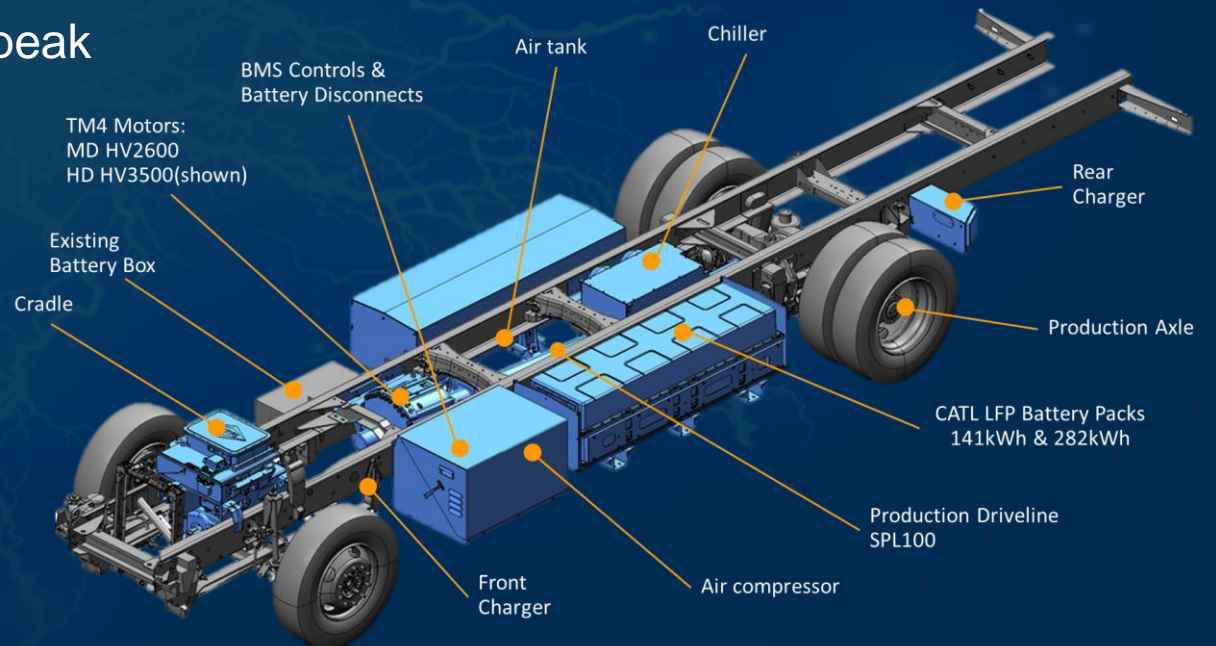
Class 6-7 Peterbilt 220EV



220EV Spec Overview



- Powertrain - Dana/TM4 Midship Motor Electric
 - 4X2 - 26,000 Lbs (Class 6)
 - 4X2 - 33,000 Lbs (Class 7)
- Wheel Bases: 206" / 218" / 274"
 - Body Lengths: 24' / 26' / 30'
- Power:
 - Class 6: 154kW (207hp) continuous; 265kW (355hp) peak
 - Class 7: 259kW (347hp) continuous; 350kW (469hp) peak
- Range
 - 100 / 150 / 200 Miles
 - 141 / 209 / 282 kWh Battery Pack
- Thermally Managed Batteries
- 2,000 lb - 4,000 lb Weight Increase
- Charge Time
 - AC Charging: 8 - 26 Hours
 - Fast DC Charging: 1 – 2.1 Hours



The Whole Package

Truck



Funding

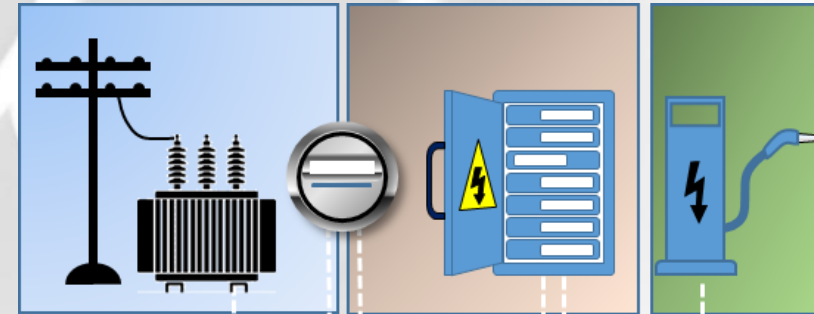


Charger

PACCAR PARTS



Infrastructure



Utility Assets

Meter











Electrical Panel

Charger



PACCAR PARTS Chargers



	DC 20 kW	DC 50 kW	DC 120 kW		DC 180 kW	
Charger Power						
Charge Time	 20 hrs	7.9 hrs	 3.9	 7.8	 3.1	 5.2
	 7-14 hrs	3-6 hrs	1.5 - 3	3 - 6	1.5 - 3	3 - 6

Minimum

Base

Fast

Entry Level



Available funding and grants

- Canada wide
 - \$100 000 on class 7
 - \$150 000 on class 8
 - 220EV, 520EV, 579EV eligible
 - Can be combined with Provincial grants
 - Funded up to a maximum of 75%

- Quebec
 - \$125K - \$175K
 - Support on chargers up to \$60 000

- British-Colombia
 - Up to \$100,000 on class 8
 - 220EV, 520EV, 579EV
 - Support on chargers : Clean BC



EV TCO

- Peterbilt.com



- Choose:

- Fuel
- Vehicle

The screenshot shows the Peterbilt website's EV TCO calculator interface. At the top is the Peterbilt logo and a navigation menu with links for TRUCKS, PRODUCTS & SERVICES, INNOVATION, RESOURCES & SUPPORT, and ABOUT US. There are also links for Shop Peterbilt, Careers, and Contact. Below the navigation is a selection area with two options: DIESEL (represented by a drop icon) and ELECTRIC (represented by a lightning bolt icon). The ELECTRIC option is highlighted with a red underline. Below this is a 'SELECT VEHICLE:' section with three vehicle options, each with a red circle around the lightning bolt icon and the word 'ELECTRIC' in the top right corner. The first option is a white medium-duty truck labeled '220 EV Medium-Duty'. The second option is a white vocational truck labeled '520 EV Vocational'. The third option is a white on-highway truck labeled '579 EV On-Highway'. Each vehicle option also includes a 'Product Info' link in the top left corner.

Service and Maintenance Impact



- No Combustion Engine
- No After treatment
- No Transmission
- Regenerative Braking Benefit

**40% Savings
Service & Maintenance**

Service Item	Diesel	ePowertrain
Engine and Air Filters	Yes	No
Diesel Particulate Filter	Yes	No
Engine Overhead	Yes	No
DEF	Yes	No
Fuel System	Yes	No
Belts	Yes	No
Exhaust System	Yes	No
Transmission Fluid	Yes	No
Drive Shafts	Yes	No
Engine and Trans Mounts	Yes	Reduced
Braking System	Yes	Reduced
Fluids	Yes	Reduced
Cooling System	Yes	Reduced
Hoses	Yes	Reduced

