

EV Purchase Technical Specifications – Light-Duty Truck

*Vendor shall provide information on how their vehicle meets all of the following requirements:

Technical Specification	Requirement	*Vehicle Information
Model Year	Current production year or newer	
EPA Miles Per Gallon Gasoline Equivalent (MPGe)	99 MPGe or higher – City 90 MPGe or higher- Highway	
EPA Combined MPGe	94 MPGe or higher	
Engine Type	Electric – 100%	
Transmission	1 speed or variable	
Drive Type	Front wheel and/or rear wheel acceptable	
Cab Configuration	Crew cab	
Total Seating	5	
Basic Warranty	3 yr./36,000 miles at minimum	
Drivetrain Warranty	5 yr./60,000 miles at minimum	
EV Battery Warranty	8 yr./100,000 miles at minimum	
Rust Warranty	5 yr. Unlimited miles at minimum	
Roadside assistance	3 yr./ 36,000 miles at minimum	
Fuel Type	Electric	
EPA electricity range This is the estimated number of miles a vehicle can travel in combined city and highway driving (using a mix of 45% highway and 55% city driving) before needing to be recharged, according to the EPA's testing methodology.	216 miles of range or higher at minimum	
EPA kWh/100 miles (This value is used to determine the number of kilowatt-hours a vehicle would use to travel 100 miles. The	33 or lower	

lower the number the less battery energy is used per mile.)		
EPA time to charge battery (at 240V) (The battery's capacity divided by the onboard charger's power rating. A battery rated at 100kWh will need 12.5 hours to fully recharge using an 8.0kW charger.)	10.0 hours or less	
Battery capacity	66kWh or higher	
Fast-charge port type	SAE Combo or equivalent	
Horsepower	214 hp at minimum	
Torque	221 lbs.-ft. at minimum	
Maximum Payload Capacity	990 pounds at minimum	
Front and Rear Suspension	Independent front suspension with a heavy-duty rear suspension system (leaf or coil) rated for towing/hauling.	
Front and rear stabilizer bar	Must include at minimum	
EPA interior volume	124. cubic feet at minimum	
Cargo capacity, all seats in place	22 cubic feet at minimum	
Exterior Color	White	
Interior Color	Unspecified - Neutral	
Front Seat head room	39.6 inches at minimum	
Front Seat leg room	42.3 inches at minimum	
Front Seat shoulder room	57 inches at minimum	
Front Seat hip room	56 inches at minimum	
Towing capacity	7,000 GVW at minimum	

8-way power driver seat	Standard	
Height adjustable driver seat	Standard	
6-way manual passenger seat adjustment	Standard	
Rear Seat head room	38.3 inches at minimum	
Rear Seat leg room	37.0 inches at minimum	
Rear Seat shoulder room	55.9 inches at minimum	
Rear Seat hip room	52.5 inches at minimum	
Split-folding rear seatback	60-40 split ok, 50-50 split ok. Must fold down flush to rear cargo height.	
All-weather floor mats	Front and rear	
Infotainment display size	12.0 at minimum	
AM/FM stereo	Standard	
Total # of speakers	6 or more	
Wireless Apple CarPlay	Standard	
Android Auto	Standard	
USB connection (charging)	Standard	
USB with external media control	Standard	
Power windows	Driver controlled for all 4 windows.	
Keyless ignition	Key fob	
Tilt and telescopic steering wheel	Must include both	
Electric power steering	Must include	
Rear view camera	Must include	
Front and rear parking sensors	Must include	
Air-conditioning/heating	Dual zone front climate controls with rear ventilation ducts at minimum	
Trip computer	Must include	
Compass, external temperature display, clock	Must include	
Ground Clearance	8 inches at minimum	
Alloy wheels	Standard	

Tires	18 inches, all season tires or all terrain at minimum	
Charging cable	Must include 25 ft. minimum separate charging cable for remote location charging from 110V or 220V outlets.	
Over-the-air updates	Must be able to receive over-the-air software updates for new features, functionality, performance, and safety.	
Frame	Skid plate, underbody coating	
Trailer hitch	Class III at minimum	
Tow package	7-pin connector wiring harness, integrated electronic trailer brake controller, and trailer sway control system	
Truck cargo bed	5 feet in length at minimum, 6.5 feet at maximum	
Truck bed features	Reinforced bed, tie-down cleats	
Truck bedliner	Factory standard	

The following safety features are **REQUIRED**:

Safety Requirements	Meets Requirement (Yes or No)	
Blind spot and lane departure warnings and accident-avoidance system	Yes	No
Lane keep assistance	Yes	No

Rear cross traffic alert	Yes	No
Driver attention alert	Yes	No
Pre-collision safety system	Yes	No
Post-collision safety system	Yes	No
Dual front and dual rear side-mounted airbags	Yes	No
Front and rear head airbags	Yes	No
Passenger airbag occupant sensing deactivation	Yes	No
Stability control	Yes	No
Traction control	Yes	No
Child seat anchors	Yes	No
Rear door child safety locks	Yes	No
4-wheel ABS	Yes	No
Front and rear ventilated disc brakes	Yes	No
Emergency braking preparation	Yes	No
Emergency braking assist	Yes	No
Tire pressure monitoring	Yes	No
LED headlamps	Yes	No
2 front seat headrests (height adjustable)	Yes	No
3 rear seat headrests (height adjustable)	Yes	No
Rear center seat 3-point seat belt	Yes	No
Remote anti-theft alarm system	Yes	No
Engine immobilizer	Yes	No

To better evaluate the lifecycle cost of EV ownership vendors are asked to provide a 5-year maintenance schedule for their vehicle with an estimate on the cost of each interval of service (i.e., the estimated cost of scheduled maintenance checks and at what recommended mileage or time of ownership they should be done over the first 5-years of ownership).