



100% ELECTRIC

# SEA 5e (MY2025) Class 5 Truck

↑ PERFORMANCE &  
PAYLOAD

↑ EFFICIENCY &  
RANGE

↓ TOTAL COST OF  
OWNERSHIP

The SEA 5e is assembled in the USA and features a body and payload capacity of over 11,000 lb. Powered by our proprietary SEA-Drive® propulsion technology, this vehicle is tailored and optimally sized for Class 5 applications, ensuring robust performance and efficiency in the medium-duty segment.

## Features and Unique Advantages

- Proven EV technology with over 3 million in service miles driven.
- Right-sized and tailored for the medium-duty sector.
- Whisper quiet, with a powerful and smooth ride.
- Mid-mounted batteries for optimized safety and weight distribution.
- Compatible with a wide range of body configurations.
- AC / L2 charging without the need for expensive charging infrastructure.
- DC fast charging up to 80kW minimizes downtime for enroute or opportunity charging.
- Low noise, no fumes, and no heat provides driver comfort and improves health and safety.
- Lower maintenance and operating costs – no fuel and fewer moving parts.



## Specifications\*

Vehicle		Batteries	
SEA Model	SEA 5e	Battery Capacity	138 kWh
GVWR	19,500 lb (8,845 kg)	Battery Cell Type	LiNiMnCoO <sub>2</sub> (NMC)
Wheel Base	173.2 in (4,399 mm)	Battery Energy Density	127.7 Wh/kg
Front Axle	Reverse Elliot "i" Beam	Charging	
Front Axle Capacity	7,270 lb (3,297 kg)	Charging Standard	Type 1, Level 2, Single Phase (208/240 VAC) up to 19.2 kW (SAE J1772 Compliant)
Front Axle Weight	5,440 lb (2,468 kg)	Charging Time	Up to 8 hours
Rear Axle	Full-Floating, Single Reduction, Single Speed by Hypoid Gearing	Fast Charging	CCS Type 1, Level 3, DC Fast Charging up to 80 kW
Rear Axle Capacity	13,660 lb (6,196 kg)	Wheels / Tires / Brakes	
Rear Axle Weight	3,020 lb (1,370 kg)	Wheels	6 x steel 19.5 x 6.00 – 127 6 Stud Disc
Front and Rear Spring	Taper-Leaf Spring w/ Shock Absorbers & Stabilizer	Tires	6 x 225/70R19.5, Frt-Rib, Rear All Season
STD Chassis Curb Weight	8,460 lb (3,837 kg)	Service Brake	Hydraulic, Disc Front & Rear
Body and Payload	11,040 lb (5,008 kg)	Parking Brake	Mechanical Drum Type
100% Electric Power System		HVAC – Air Conditioning and Heating	
SEA-Drive® Power-System	SD120a	Electric Integrated HVAC System	6.5 kW (HVDC Powered)
Motor Type	Permanent Magnet AC Motor	Electric PTC Heater	6 kW (HVDC Powered)
Peak Power	170 hp (125 kW)	Warranty	
Continuous Power	110 hp (80 kW)	Standard Warranty <sup>1</sup>	3 years or 50,000 miles
Peak Torque	1,106 lb-ft (1,500 Nm)	Battery Warranty <sup>1</sup>	5 years or 100,000 miles or 150MWh
Continuous Torque	590 lb-ft (800 Nm)		
Range (50% load)*	Up to 140 miles (225 km)		
Peak System Efficiency	95%		
Operating Temperature Range	-4°F to 122°F (-20 °C to 50 °C)		

\*The equipment and specifications shown are subject to change without notice. Performance figures are intended for comparison purposes only. The actual performance achieved will depend upon several factors including but not limited to driving behavior, duty cycles, payload and body design with installed equipment, temperature, vehicle and road conditions, terrain, and utilization of electrical accessories. The information, content, and materials are presented "as is" at the time of publication, and no representations are made that the content is error-free.

<sup>1</sup>Whichever occurs first



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