



SEA-Drive® 180

Class 7 - 8

SEA ... the Future

SEA-Drive® 180a (Class 7 - 8) is built on a cab/chassis platform with a GVWR range from 30,000 lbs to 39,700 lbs, and a 2,581 lb-ft (3,500 Nm) electric motor. The 220 kWh battery pack option, delivers class leading range of up to 150 miles* and a typical break-even period of less than 4 years without grants and subsidies.

SEA-Drive® 180b (Class 8) is built on a cab/chassis platform with a GVWR range from 39,000 lbs to 57,500 lbs, and a 2,851 lb-ft (3,500 Nm) electric motor. The 220 kWh battery pack option, delivers class leading range of up to 125 miles* and a typical break-even period of less than 4 years without grants and subsidies.

SEA-Drive® 180

SEA-Drive® 180		Charging	
Powered by SEA-Drive® 180		Standard charging provided through Type 1, Level 2, Single Phase (208/240 VAC) up to 19.2 kW	
Range: Up to 150 miles* (unladen)		Charger is SAE J1772 Compliant	
Operating temperature range: 0°F to 140°F		Charge Time: Approx. 12 hours	
100% Electric Power-System 180a		<i>Optional</i> Fast charging provided through standard CCS Type 1, Level 3, DC fast charging up to 100kW	
Type: AC Asynchronous Motor		Batteries	
Continuous power: 200 hp (150 kW)		220 kWh battery capacity	
Maximum power: 335 hp (250 kW)		Life Cycle: Up to 10 Years	
Maximum torque: 2,500 lb-ft (1,844 Nm)		Cell Type: Lithium-Ion (LiNiMnCoO ₂) - Known as NMC	
Efficiency: 95% peak efficiency		Energy Density: 127.7 Wh/Kg	
100% Electric Power-System 180b		HVAC - Air Conditioning and Heating	
Type: Permanent Magnet AC Motor		Electric integrated HVAC System - 6.5 kW, HVDC powered	
Continuous power: 260 hp (195 kW)		Electric PTC heater 6kW, HVDC powered	
Maximum power: 470 hp (350 kW)			
Maximum torque: 3,500 lb-ft (2,581 Nm)			
Efficiency: 95% peak efficiency		Telematics SEA-Connect® <i>Optional</i>	
System Warranty [#]		Ability to provide vehicle and driver related data	
5 years for batteries		Accessible via a secure telematics portal	
System Warranty: 3 years or 50,000 miles [#]			



Most Cost Effective Power-System in the World



Unique Mid Mounted Batteries for Safety & Dynamics



Adaptable to Most OEM Glider Platforms



Lower Maintenance & Operating Costs - No Fuel, Few Moving Parts



Zero Emissions - Reduce Your Carbon Footprint



Adaptable to New & Used Chassis - Repower Existing Vehicles



AC 22kW On-Board Charger - Access the Largest Charging Network in the World



Integration with Body Suppliers - 100% Electric Power to Operate Ancillaries



Exceptional Acceleration and Performance



Driver Comfort, Health & Safety - No Noise, No Fumes, No Heat

*Range figures are intended for comparison purposes only and are based on unladen, cab chassis or van test drive conditions. Actual range achieved will depend upon a number of factors including load and body design, road conditions and topography, regenerative braking configuration and utilisation of electrical accessories.

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[#]Subject to conditions outlined in SEA Electric Warranty brochure. For more details visit the SEA Electric website.