



SEA-Drive® 100
 Class 3 - 5
SEA ... the Future

SEA-Drive® 100a (Class 3 - 4) is built on a cab/chassis platform with a GVWR range up to 13,000 lbs, and a 735 lb-ft (1,000 Nm) electric motor. The 100 kWh battery pack option, delivers class leading range of up to 170 miles* and a typical breakeven period of less than 4 years without grants and subsidies.

SEA-Drive® 100b (Class 4 - 5) is built on a cab/chassis platform with a GVWR range from 14,000 lbs to 19,000 lbs, and a 1,106 lb-ft (1,500 Nm) electric motor. The 100 kWh battery pack option, delivers class leading range of up to 130 miles* and a typical breakeven period of less than 4 years without grants and subsidies.

SPECIFICATIONS

SEA-Drive[®] 100

SEA-Drive [®] 100
Powered by SEA-Drive [®] 100
Range: Up to 170 miles* (unladen)
Operating temperature range: 0°F to 140°F

100% Electric Power-System 100a
Type: AC Asynchronous Motor
Continuous power: 80 hp (59 kW)
Maximum power: 145 hp (108 kW)
Maximum torque: 735 lb-ft (1,000 Nm)
Efficiency: 95% peak efficiency

100% Electric Power-System 100b
Type: Permanent Magnet AC Motor
Continuous power: 110 hp (80 kW)
Maximum power: 170 hp (125 kW)
Maximum torque: 1,106 lb-ft (1,500 Nm)
Efficiency: 95% peak efficiency

System Warranty [#]
5 years for batteries
System Warranty: 3 years or 50,000 miles

Charging
Standard charging provided through Type 1, Level 2, Single Phase (208/240 VAC) up to 19.2 kW
Charger is SAE J1772 Compliant
Charge Time: Approx. 6 hours
<i>Optional</i> Fast charging provided through standard CCS Type 1, Level 3, DC fast charging up to 120kW

Batteries
100 kWh battery capacity
Life Cycle: Up to 10 Years
Cell Type: Lithium-Ion (LiNiMnCoO ₂) - Known as NMC
Energy Density: 127.7 Wh/Kg

HVAC - Air Conditioning and Heating
Electric integrated HVAC System - 6.5 kW, HVDC powered
Electric PTC heater 6kW, HVDC powered

Telematics SEA-Connect [®] <i>Optional</i>
Ability to provide vehicle and driver related data
Accessible via a secure telematics portal



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



Single Phase 240V On Board Charger - the Biggest Charging Network In The World



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



Powerful Handling with a Smooth Ride



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.