



SEA-Drive® 120
 Class 3 - 7
SEA ... the Future

SEA-Drive® 120a (Class 3 - 5) is built on a cab/chassis platform with a GVWR range from 13,000 lbs to 18,000 lbs, and a 1,106 lb-ft (1,500 Nm) electric motor. The 138 kWh battery pack option, delivers class leading range of up to 200 miles* and a typical breakeven period of less than 4 years without grants and subsidies.

SEA-Drive® 120b (Class 5 - 7) is built on a cab/chassis platform with a GVWR range from 18,000 lbs to 28,000 lbs, and a 1,844 lb-ft (2,500 Nm) electric motor. The 138 kWh battery pack option, delivers class leading range of up to 200 miles* and a typical breakeven period of less than 4 years without grants and subsidies.

SEA-Drive® 120c (Class 7) is built on a cab/chassis platform with a GVWR range from 27,000 lbs to 33,000 lbs, and a 2,581 lb-ft (3,500 Nm) electric motor. The 138 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.

SPECIFICATIONS

SEA-Drive® 120

Powered by SEA-Drive® 120

Range: Up to 200 miles* (unladen)

Operating temperature range: -0°F to 140°F

100% Electric Power-System 120a

Type: AC Asynchronous 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

100% Electric Power-System 120b

Type: Permanent Magnet AC Motor

Continuous power: 200 hp (150 kW)

Maximum power: 335 hp (250 kW)

Maximum torque: 1,844 lb-ft (2,500 Nm)

Efficiency: 95% peak efficiency

100% Electric Power-System 120c

Type: Permanent Magnet AC Motor

Continuous power: 260 hp (195 kW)

Maximum power: 470 hp (350 kW)

Maximum torque: 2,581 lb-ft (3,500 Nm)

Efficiency: 95% peak efficiency

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. 8 hours

Optional Fast charging provided through standard CCS Type 1, Level 3, DC fast charging up to 120kW

Batteries

138 kWh battery capacity

Life Cycle: Up to 10 Years

Cell Type: Lithium-Ion (LiNiMnCoO₂) - 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® *Optional*

Ability to provide vehicle and driver related data

Accessible via a secure telematics portal

System Warranty[#]

5 years for batteries

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



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.