

**ELECTRIC  
VEHICLES  
Ready to Work!**



## **Electrifying the Future™**

**Available Now with 18' and 20'  
Van Bodies or Cab Chassis.**



### **SEA-M5 EV CAB CHASSIS**

SEA-Drive 120a (Class 5) is built on a cab/chassis platform with a GVWR 19,500 lbs, and a 110 HP, 1,100 lb-ft (1,500 Nm) electric motor. The 138 kWh battery pack delivers class leading range of up to 160 miles\* and a typical break-even period of less than 4 years without grants and subsidies.



**Lower Maintenance and Operating Costs -  
No Fuel, Few Moving Parts**



**Zero Emissions -  
Reduce Your Carbon Footprint**



**Exceptional Acceleration and  
Performance**



**Driver Comfort, Health and Safety -  
No Noise, No Fumes and No Heat**

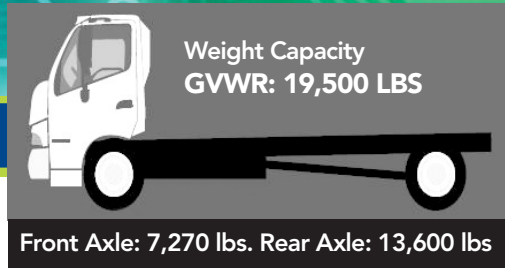
For More Information:

[gatrev.net](http://gatrev.net)

**GATR EV**  
ELECTRIC VEHICLES

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# SEA M5 EV Specifications



## CAB CHASSIS

SEA-DRIVE* 120
Powered by: SEA-DRIVE* 120
Range: Up to 160 miles* (unladen)
Operating Temperature Range: -0°F to 140°F
100% ELECTRIC POWER-SYSTEM 120A
Type: Permanent Magnet AC Motor
Continuous Power: 110 HP (80 kW)
Maximum Power: 170 HP (125 kW)
Maximum Torque: 1,100 lb-ft (1,500 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 100kW
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 <i>Optional</i>
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

AXLE/SUSPENSION
Front Axle: Reverse Elliot, "I" Beam
Front Spring: Taper-leaf springs w/shock absorbers and stabilizer
Rear Axle: Full-floating single reduction; single-speed by hypoid gearing
Rear Spring: Taper-leaf springs with shock absorbers
BRAKES
Service Brake: Hydraulic system with disc brake for front and rear wheels
Parking Brake: Mechanical
WHEELS AND TIRES
6 Wheels: Steel 19.5X6.00-127 6-Stud Disc
6 Tires: 225/70R19.5, Fr-Rib, Rr-All Season
REAR AXLE/SUSPENSION/FRAME
Frame Yield Strength:
56,900 PSI (353,450 RBM) (161"WB & below)
56,900 PSI (423,050 RBM)
DIMENSIONS
Wheelbase (inches) Usable Cab to Axle (inches)
<input type="checkbox"/> 114.2 <input type="checkbox"/> 137.8 <input type="checkbox"/> 149.6 <input type="checkbox"/> 161.4 <input checked="" type="checkbox"/> 173.2 <input type="checkbox"/> 196.9 <input type="checkbox"/> 214.6
86.4"   110.0"   121.9"   133.7"   145.5"   169.2"   189.9"

\*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 utilization of electrical accessories. The information on this brochure was correct at the time of printing, all specifications are subject to change without notice.

The information in this brochure is general in nature. To the extent permitted by law, GATR EV is not liable by any person as result of reliance on the content of this brochure.

# Subject to conditions outlined in SEA Electric Warranty brochure. For more detail visit the GATR EV website.

