



**SEA**  
ELECTRIC

**5e** - Class 5

[sea-electric.com](http://sea-electric.com)

## SEA-DRIVE® 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)

Range: Up to 140 miles at 50% load

Operating temperature range: 0 °F to 140 °F

Efficiency: 95% peak efficiency

Optional: V2G capable

## BATTERIES

138 kWh battery capacity

Life Cycle: Up to 10 Years

Cell Type: Lithium-Ion (LiNiMnCoO<sub>2</sub>) - Known as NMC

Energy Density: 127.7 Wh/Kg

## 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: Up to 8 hours

Optional Fast Charging provided through standard CCS Type 1, Level 3, DC fast charging up to 80 kW

## HVAC - AIR CONDITIONING AND HEATING

Electric integrated HVAC System - 6.5 kW, HVDC powered

Electric PTC heater 6 kW, HVDC powered

## TELEMATICS SEA-CONNECT® OPTIONAL

Ability to provide vehicle and driver related data

Accessible via a secure telematics portal

## CHASSIS WEIGHTS / DIMENSIONS

GVWR - 19,500 lb

Front Axle Capacity - 7,270 lb

Rear Axle Capacity - 13,660 lb

STD Chassis Curb Weight - 8,480 lb

Body & Payload - 11,020 lb

Wheel Base - 173.2 in

Usable Cab to Axle - 145.5 in

Cab to Body Clearance - 5.8 in

Front Overhang - 44.4 in

Rear Overhang - 46.3 in

Frame Height Front Axle - 29.5 in

Frame Height Rear Axle - 33.5 in

## CHASSIS FRAME

Ladder Type - Straight C Channel

Width - 33"

Yield Strength (PSI) - 56,900

RBM (lb-ft) - 423,050

## AXLE / SUSPENSION

Front Axle - Reverse Elliot "I" Beam

Front Spring - Taper-Leaf Spring w/Shock Absorbers & Stabilizer

Rear Axle - Full-Floating, Single Reduction; Single-Speed by Hypoid Gearing

Rear Spring - Taper-Leaf Spring w/Shock Absorbers & Stabilizer

## WHEELS / TIRES / BRAKES

6 Wheels - Steel 19.5 x 6.00 - 127 6 Stud Disc

6 Tires - 225/70R19.5, Frt- Rib, Rear All Season

Service Brake - Hydraulic, Disc Front & Rear

Parking Brake - Mechanical Drum Type

## 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 and Dynamics**



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



**Zero Emissions** - Reduce your Carbon Footprint



AC 19.2 kW Onboard Charger - **Access the Latest Charging Network** in the World



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



**Exceptional Acceleration** and Performance



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

## SEA Electric LLC

T: +1 (424) 376-3660

E: enquiries@sea-electric.com

A: 436 Alaska Ave  
Torrance, CA 90503

24: (833) SEA-ELEC (732-3532)



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\* Terms and conditions apply. Visit our website for more information.