

OPTIMAL·EV



**Battery-Electric
Cutaway Chassis**

We Graduated from the School of Safety



**Battery & High Voltage Wiring Fully
Protected between Frame Rails**
Best in class side impact crash worthiness among EV conversions



Powered by Proterra®
The industry's safest & most
stable high voltage battery



**Engine Mass Replacement
System (EMRS)™**
Best in class frontal crash worthiness
among EV conversions



Electric Vehicle Alert System
Front & rear sound generators emit audible
warning for full perimeter pedestrian safety



Discover the Optimal EV Advantage

Battery Specifications

Battery Manufacturer/Model	Proterra® S115
Battery Size	123 kWh
System Voltage	326V (Nominal)
Cooling	Water/Glycol Mixture
Design Life Cycle	>4000 @90% DOD
Temperature Range	-22° F to +133° F (-30° C to +56° C)

Performance Specifications

Traction Motor Continuous/Peak Torque	738/1254 ft-lbs (1000/1700 Nm)
Traction Motor Continuous/Peak Power	228/375 hp (170/280 kW)
Voltage Range	300 - 750 vdc
Top Speed	70 MPH (112 KPH)
Gradeability	30% (Equivalent to OEM Ford E450)
Range*	135 Miles (201 km)

Charging

Standard Level 1 & 2 AC Charging (J1772)	Charging in <8 Hours
Optional DC Fast Charge (CCS1)	Charging in <2 Hours



Optimal Electric Vehicles, LLC. (Optimal EV) reserves the right to make changes at any time, without notice, in prices, colors, materials, equipment, specifications, models and availability.

*Estimated range dependent upon: ambient temperature, drive cycle, loading condition, ancillary loads, etc.

For more information, please visit: www.optimal-ev.com



Designed in USA | Made in USA

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