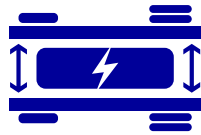


G1 | Battery-Electric Cutaway Chassis



We Graduated from the School of Safety



Battery & High Voltage Wiring Fully Protected between Frame Rails

Best in class side impact crash
worthness among EV conversions



Powered by Proteera®

The Industry's safest & most
stable high voltage battery



Engine Mass Replacement System (EMRS)™

Best in class frontal crash worthness
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 reserves the right to make changes at any time, without notices, 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

