

OPTIMAL • EV E1

Electric Chassis



Mileage may vary depending on
Driver's behavior and conditions



All-Electric
Propulsion



30% Gradeability
Equivalent to OEM Ford E450



70 MPH
Top Speed



Ease of Upfitting
Clear Frame Rails Back of Cab



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Optimal E1 Electric Chassis

Chassis

Wheelbase 158" Minimum
 Base Chassis Platform..... Ford E450
 GVWR 14,500 .lbs
 GAWR Front Axle 5,000 .lbs
 GAWR Rear Axle 9,600 .lbs
 Gradability 30%
 Tire Size - 225/75R16 Load Range E
 Top Speed..... 70 mph
 Vehicle Curb Weight 6,413 .lbs
 Chassis Height Standard OEM 26"

Battery Technology

Battery Manufacturer Proterra Power
 Battery Warranty..... 6 years
 Battery Chemistry - Lithium Ion NMC
 Cooling - Liquid Cooled (Water/Glycol)
 Battery Capacity 113kWh
 Cycle Life..... >4000@90% DOD
 System Voltage..... 326 (Nominal)
 Durability Rating - All Components rated at IP67



Traction Motor Technology

Manufacturer - JJE Traction Motor and Inverter
 Traction Motor Warranty - 5 years 150,000 miles
 Continuous Torque 737.5 ft/lbs)
 Peak Torque 1,253.6 ft/lbs)
 Continuous Power 170 kWh (228 HP)
 Peak Power..... 280 kWh (375.5 HP)
 Voltage Range 300-750vdc

Charging Technology

Standard Charging

Level 2(J1772) 13.2 kW
 AC Level 1 Charging..... 120V
 AC Level 2 Charging..... 240V
 Full Charge..... 6 Hours

Optional Charging

CCS Type 1 Charge Inlet
 DC Fast Charge..... (Up to 870V) 60kW
 Full Charge..... 2 Hours

Cell Type

2170 Cylindrical NMC 81

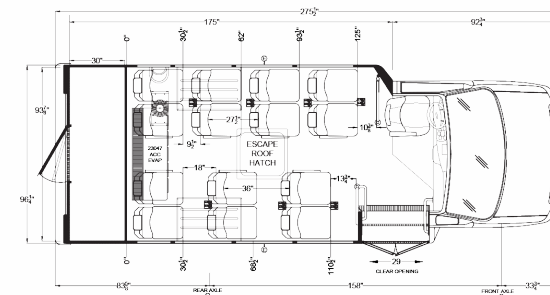
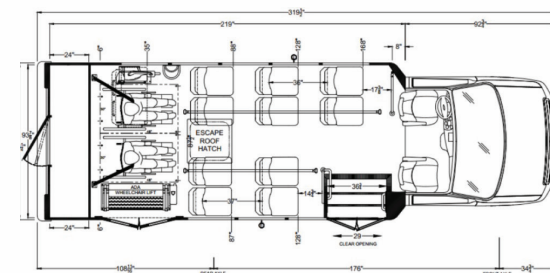
Max Charging

DC Fast Charge..... 60kW



Turtle Top Terra Transit Shown

Popular Floorplans



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These specifications are based on up-to-date product information available at the time of printing. Specifications can change without prior notice. Contact an ABC Companies Account Manager for details. Vehicle may be shown with optional equipment. Range based on available estimates.

