



# Technical Specifications

eLion





LION CHASSIS	
Range	50 mi. / 75 mi. / 100 mi. (90km / 120 km / 150km)
On-Board Charger	AC - 19.2 kW - J1772
High Voltage Batteries	LG Chez - Lithium-ion (NMC)
Electric Powertain	TM4 Sumo MD
Cabin aux. heating system	Proheat M80 - 80,000 BTU
Driver Interface	LCD - touch screen
On-bard Telematics	Remote access on-board telematics
Sound Generator	0-20 mph (0-30 km/h)
Brakes	Hydraulic
Front Suspension	Parabolic - 10,000 lbs.
Rear Suspension	Leaf Springs - 20,000 lbs.
G.V.W.R.	30,000 lbs.
Wheelbase	254" ou 276"
Fuel tank - heating system	25 gallons (All climate except CA)
Frame rails	50,000 PSI
Bumpers	Front & Rear - Blue or green
Wheels	22.5" x 8,25"
Tires	Dunlop 11R22.5 or equivalent
12V Batteries	2 x 950 CCA
Diff. Ratio	5.29 - other ratios available upon request
Gauge & Clusters	Speedometer, RPM, Oil, Temperatures
Horn	Double
Backup Alarm	112 dB



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<b>BODY</b>	
Capacity	54 to 72 passengers
Glass & Windows	Tinted - black frames
Lights	LED - Interior & Exterior
Rear heaters	2 x 80,000 BTU
Exterior	Composite - gel coat
Stepwell	One-piece polyethylene - No corrosion
Battery box & tray	Two-piece polyethylene - No corrosion
Wheelhouses	One-piece polyethylene - No corrosion
Rear emergency door	Composite interior & exterior - No corrosion
Body skirts	TPO plastic - recyclable - resistant - No corrosion
Driver dash	Composite with integrated trash can
Exterior width	101.5 in.
Interior width	96 in.
Exterior height	124 in.
Interior height	78 in.
Electric system	12V standard - No multiplex
<b>AVAILABLE OPTIONS</b>	
DC fast charging	
Air Conditioning system	
Wheelchair lift - for special need buses	
Destinations signs	
V2G - Bidirectional charging system - Available 2018	
<i>Many more available options upon request</i>	