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EV STAR +

Multi-Purpose Zero Emission

Fuel Savings

In comparison to diesel or CNG vehicles with similar equipment, length, and weight, the EV Star can save your fleet up to 50% annually in fuel cost alone. When you pair this with capacity and efficiency, your fleet will begin to see savings from day one.

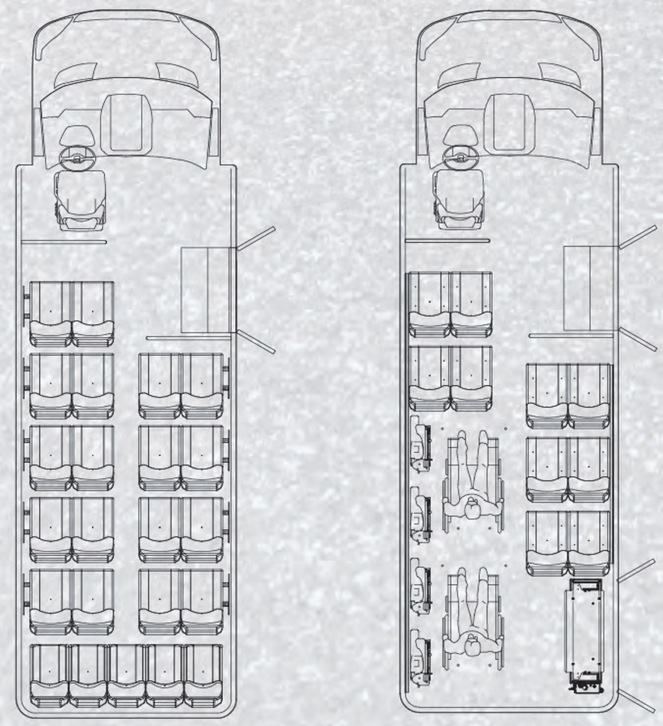
Maintenance and Inventory Savings

Electric vehicles do not require oil changes, transmission services, filter replacement, and engine overhauls. Also, because of the utilization of regenerative braking, your fleet will see a dramatic drop in brake system maintenance. In fact, when you pair fuel savings and operational savings, it's reasonable to expect these vehicles to begin paying for themselves in just a few years.

Charging

GreenPower believes that charging standardization will only benefit the EV industry. This is why we offer "off the shelf" charging components which allows for maximum flexibility and drives down costs. The EV Star can be charged through J1772 over night charge and CCS DC fast charge which can bring your vehicle from zero to 100% in under 2 hours.

GreenPower MOTOR COMPANY

EV STARPLUS

GENERAL SPECIFICATIONS	
Overall Length	24.6ft
Overall Width without mirrors	90.3 in
Overall Height	10.4 ft
Wheelbase	122 in
Maximum Payload Capacity	Up to 5,000 lbs
GVWR	14,330 lbs
Max Seating Capacity	Up to 23 / ADA seating is optional
Battery Capacity	118 kWh
Range	Up to 150 Miles
Charge Time	Level 2: Approximately 8 Hours DCFC: 2.5 Hours
Drive Motor	Permanent Magnet Synchronous Motor (PMSM)
Battery System & BMS	LFP
Brakes	Regenerative Braking
Life Cycle	Designed and built to exceed 10 years
Top Speed	65 mph (Electronically Limited)
ELECTRICAL COMPONENTS	
HVAC	Full Electric Front HVAC
Defroster	Four Speed Settings
Interior Lights	LED
Audio / PA System	Optional
Rear Radar Sensor	Optional
Surveillance System	Optional
Data Recorder	Optional
CHASSIS COMPONENTS	
Electric Drive System	TM4 Prestolite
Transmission	N/A - Direct Drive
Axle & Suspension	Front: Independent Coil Rear: Live Axle with Leaf Spring
Steering System	Electric Hydraulic Power Steering
Tires	205/75R 17.5
Wheels	Steel
INTERIOR COMPONENTS	
Driver's Seat	Vinyl with armrest
Interior Rear View Mirror	Self-dimming optional
Flooring	Rubber
Interior Lights	LED
Multiplex System	I/O Controls
EXTERIOR COMPONENTS	
Mirrors	Side mounted integrated with turn signal
Front Door	Dual lead electric
Front Windshield	1-piece
Front and Rear Bumper Bars	Front OEM / Rear Romeo Rim
Emergency Roof Hatch	Standard
APPROVED CHARGERS	
DC Fast Charge	ABB Terra 54HV
Level 2	ClipperCreek CS-100
Wireless Charging	Momentum Dynamics