



# EV STARPLUS

## 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.



#### GENERAL SPECIFICATIONS

|                            |   |
|----------------------------|---|
| Overall Length             | 25ft  |
| Overall Width with mirrors | 7.7 ft  |
| Overall Height             | 10.4 ft   |
| Wheelbase                  | 170 in  |
| Maximum Payload Capacity   | Up to 5,000 lbs                                   |
| GVWR                       | 14,330 lbs  |
| Max Seating Capacity       | Up to 23  |
| Battery Capacity           | 118 kWh   |
| Range                      | Up to 150 Miles                                   |
| Charge Time                | Level 2: Approximately 8 Hours<br>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                 |
| AC BTU              | 30,700                   |

#### CHASSIS COMPONENTS

|                       |   |
|-----------------------|---|
| Electric Drive System | TM4 Prestolite  |
| Transmission          | N/A - Direct Drive  |
| Axle & Suspension     | Front: Independent Coil-Cover<br>Rear: Live Axle with Leaf Spring |
| Steering System       | Electric Hydraulic  |
| Tires                 | 205/75R 17.5  |
| Wheels                | Steel   |

#### INTERIOR COMPONENTS

|                           |                       |
|---------------------------|-----------------------|
| Driver's Seat             | Vinyl with armrest    |
| Interior Rear View Mirror | Self-dimming optional |
| Flooring                  | Carpet or Rubber      |
| Driver's Side Blind       | Manual                |
| Windshield Blind          | Manual                |
| Interior Lights           | LED                   |

#### EXTERIOR COMPONENTS

|                            |  |
|----------------------------|--|
| Mirrors                    | Side mounted integrated with turn signal |
| Front Door                 | Plug door, pneumatic                     |
| Front Windshield           | Tinted 1-piece                           |
| Front and Rear Bumper Bars | Body matched                             |
| Sun Roof                   | Optional                                 |

#### APPROVED CHARGERS

|                   |                     |
|-------------------|---------------------|
| DC Fast Charge    | ABB Terra 54HV      |
| Level 2           | ClipperCreek CS-100 |
| Wireless Charging | Momentum Dynamics   |

