

# Eco-Shuttle

The Eco-Shuttle offers a sustainable solution to customers who not only desire comfort and style but also a green, zero-emission people moving solution. These vehicles offer a powerful electric motor that provides unbeatable hill climbing and load carrying power. With a range of up to 60 miles per charge, these shuttles can travel a significant distance ensuring a full day of operation.

## Eco-Shuttle Features

- 48 or 72 Volt System
- 8, 11, 14 or 23 Passengers
- Lights Package
- US Batteries
- Curtis Controller
- Up to 60 Miles per Charge
- Narrow Body Design
- Many Colors Available
- Cushion Seats
- Non-Slip Low Floor
- Climbs up to 20% Grade
- Custom Options Available
- Optional Rain Curtains
- Optional On-Board Charger
- Optional Solar Panels
- Optional Wheelchair Accessibility
- Optional CD Player w/ PA System
- Optional Trailing Unit



**ECO 11**



**ECO 14**



**ECO 8**



**ECO 23**

\* Specifications are standard features only. Additional operational equipment is available.  
Specifications are subject to change as manufacturer determines.

440 Mark Leany Drive  
Henderson, NV 89011  
1-800-SVI-TRAM  
[www.specialtyvehicles.com](http://www.specialtyvehicles.com)



# Eco-Shuttle Specifications

|  | 8 Passenger Shuttle                     | 11 Passenger Shuttle                    | 14 Passenger Shuttle                    | 23 Passenger Shuttle  |
|--|---|---|---|---|
| Voltage  | 48V                                     | 72V                                     | 72V                                     | 72V   |
| Seating  | 8                                       | 11                                      | 14                                      | 23  |
| Drive Type   | 4x2 rear                                | 4x2 rear                                | 4x2 rear                                | 4x2 rear  |
| Motor - AC   | 4KW, Industrial                         | 5KW, Industrial                         | 5KW or 7.5KW, Industrial                | 9KW, Industrial   |
| Dimensions (Inches/mm)   | 165"x59"x80"<br>4200x1510x2025          | 180"x59"x80"<br>4570x1510x2025          | 187"x59"x80"<br>4665x1510x2025          | 221"x84"x87"<br>5613x2134x2210  |
| Min. Ground Clearance  | 5"/130mm                                | 5"/130mm                                | 5"/130mm                                | 4"/101mm  |
| Turn Radius  | 19ft /6m                                | 19ft /6m                                | 19ft /6m                                | ≤ 28' /9m   |
| Curb Weight  | 2130 lbs /965 kg                        | 2755 lbs /1250 kg                       | 2865 lbs / 1300 kg                      | 4695 lbs / 2130 kg  |
| Max. Passenger Load  | 1400 lbs /640kg                         | 1925 lbs /880 kg                        | 2315 lbs / 1050 kg                      | 3860 lbs / 1750 kg  |
| Max. Speed   | 18 mph/29 kmh                           | 20 mph/32 kmh                           | 21 mph/32 kmh                           | 15 mph/ 24 kmh  |
| Max. Climbing w/ Full Load   | 20%                                     | 20%                                     | 20%                                     | 15%   |
| Range: Loaded, on flat road at 13mph   | 44mi/70km                               | 60mi/97km                               | 60mi/97km                               | 75mi/120km  |
| Frame  | Powder Coated Steel                     | Powder Coated Steel                     | Powder Coated Steel                     | Powder Coated Steel   |
| Windshield   | Curved Hardened Glass w/ Upper Tint     | Curved Hardened Glass w/ Upper Tint     | Curved Hardened Glass w/ Upper Tint     | One Piece Glass   |
| Lights: Headlights, Tail Lights, Turn Signals, Side Markers, Front Fog Lights  | Standard                                | Standard                                | Standard                                | Standard  |
| Canopy Top   | Steel Frame + Fiberglass                | Steel Frame + Fiberglass                | Steel Frame + Fiberglass                | Steel & Fiberglass  |
| Body   | Fiberglass                              | Fiberglass                              | Fiberglass                              | Fiberglass  |
| Seats w/ Stainless Armrests  | Vinyl over dense foam                   | Vinyl over dense foam                   | Vinyl over dense foam                   | Foam & Vinyl w/ Aluminum Arm Rests  |
| Suspension   | Front MacPherson Strut/Rear Leaf Spring | Front MacPherson Strut/Rear Leaf Spring | Front MacPherson Strut/Rear Leaf Spring | Front MacPherson Strut/Rear Leaf Spring   |
| Steering   | Power Steering Rack                     | Power Steering Rack                     | Power Steering Rack                     | Power Steering Rack   |
| Converter  | 48V - 12V                               | 72V - 12V                               | 72V - 12V                               | 72V - 12V   |
| Charger  | 48V                                     | 72V                                     | 72V                                     | 72V   |
| Controller   | Curtis 400 amp                          | Curtis 400 Amp                          | Curtis 400 Amp                          | Curtis 550 Amp  |
| Tire Size  | Dunlop 165/70 R13                       | Dunlop 165/70 R13                       | Dunlop 165/70 R13                       | Dunlop 195/70-R15   |
| Drive Unit   | Direct Drive                            | Direct Drive                            | Direct Drive                            | Rear Wheel Direct Drive   |
| Batteries  | US2000XC 6V (8pcs)                      | US2000XC 6V (12 pcs)                    | US2000XC 6V (12 pcs)                    | US2000XC 6V (24 pcs)  |
| Battery Access   | Under Seat                              | Under Seat                              | Under Seat                              | Under Seat  |
| Motor/Controller Access  | Under Rear Seat                         | Under Rear Seat                         | Under Rear Seat                         | Under Rear Seat   |
| Brakes   | Front Disc / Rear Drum                  | Front Disc / Rear Drum                  | Front Disc / Rear Drum                  | Four Wheel Hydraulic  |
| Parking Brake  | Cable, Rear                             | Cable, Rear                             | Cable, Rear                             | Cable, Rear   |
| Gauges: State of Charge, Speedometer, Odometer, Voltmeter, Ammeter, Light Indicator                                    | Standard                                | Standard                                | Standard                                | Standard  |
| Features: Horn, Reverse Alarm, CD Player (4 Speakers), Windshield Wiper, Cup Holder, Storage Console, Rearview Mirrors | Standard                                | Standard                                | Standard                                | Features: Horn, Reverse Alarm, CD Player (4 Speakers), Windshield Wiper, Rearview Mirrors |
| Rain Curtains  | Optional                                | Optional                                | Optional                                | Optional  |
| Pull-Down Sunshades  | Optional                                | Optional                                | Optional                                | Optional  |
| PA System (Hand Held or Hands Free Mic)  | Optional                                | Optional                                | Optional                                | Optional  |
| Seat Belts   | Optional                                | Optional                                | Optional                                | Optional  |
| Aluminum Wheels  | Optional                                | Optional                                | Optional                                | N/A   |
| Front Stainless Push Bumper  | Optional                                | Optional                                | Optional                                | Optional  |



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