

# 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" 4200x1510x2025	180"x59"x80" 4570x1510x2025	187"x59"x80" 4665x1510x2025	221"x84"x87" 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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