



IS12-24S	IS12-24A	IS12-48S	IS12-48A
24-Volt	24-Volt	48-Volt	48-Volt
1200 lb	1200 lb	1000 lb	1000 lb
Smartdrive Powered	ACEplus Powered	Smartdrive Powered	ACEplus Powered

Performance			
Speed, Forward - Maximum	8.5 MPH		10 MPH
Range - Maximum	Up to 20 Miles ¹		Up to 40 Miles ¹
Turning - Curb to Curb	127 Inches		
Turning - Intersecting Aisle	55 Inches		
Dimensions & Weight			
Overall L x W x H (inches)	81.5 x 29.5 x 45		
Wheelbase (inches)	44		
Ground Clearance (inches)	3.5		
Load Bed Height (inches)	24		
Load Bed - L x W (inches)	43 X 29.5		
Vehicle Weight (lbs)	904	1072	
Rated Capacity ² (lbs)	1,200	1,000	
Power Train			
Motor	24-volt, separately excited, NEMA class H temperature rated		48-Volt, separately excited, NEMA class H temperature reated
Horsepower	5.2 HP at 875 rpm		12.7 HP at 1880 rpm 15.3 HP at 1750 rpm
Batteries	Four, 6 volt, 220 amp hour, 105 minute, deep cycle		Eight, 6 volt, 220 amp hour, 105 minute, deep cycle
Charger	Bulit-in, micro-processor controlled, fully sealed, global, 110 - 240 VAC, 50/60 HZ		
Controller Type	Programmable, solid state, reduced speed reverse with diagnostic LED & calibrator interface		
Controller Rating	300 amp		400 amp
Motor Braking Mode	Neutral motor braking control system	Regenerative and pedal proportional braking with top speed limiting	Neutral motor braking control system Regenerative and pedal proportional braking with top speed limiting
Directional Control	Fully electronic direction switching with console mounted selector switch		
Drive Unit / Differential	Automotive style, helical gears in oil bath, direct to motor, 12.44:1 final drive ratio		
Body			
Passenger Capacity	One		
Seating	Stand-up operation, adjustable padded back rest		
Body	14-gauge Powder coated Diamond plate steel		
Lighting	-		
Instrumentation & Accy's	Horn, Battery discharge indicator, Reverse warning alarm, Steel covered deck board painted black		
Chassis			
Frame	Heavy duty welded steel chassis with 14 gauge diamond plate steel body		
Steering	Dual front fork, direct link mechanical		
Brakes - Service & Parking	Dual mechanical rear drum, automatically engaged upon dismount		
Suspension - Front	N/A		
Suspension - Rear	N/A		
Bumpers - Front & Rear	N/A		
Tires	4 - 4.80" X 8", pneumatic, 4-ply rated, load range C tires mounted on painted steel rims		
Popular Options			
Roll-out battery exchange system, Body color, Solid cushion or foam filled tires, Enlarged deck area, in motion beeper, Pole mounted strobe light, Pintle hitch, Ball hitch, Console mounted clipboard, Rubber bumpers, Transport Express package with back to back seating for 6 passengers, Folding Side Rails, Head/Tail and Brake lights			

1 - Range will vary depending on on temperature, grade, payload and driving style.

2 - Includes personal, cargo, options and accessories

All specifications are subject to change without notice.