



Expediter EX21 | Specifications & Features

	EX21-24S	EX21-24A	EX21-48A
 	24-Volt 750 lb Smartdrive Powered	24-Volt 750 lb ACEplus Powered	48-Volt 750 lb ACEplus Powered
Performance			
Speed, Forward - Maximum	8 MPH		
Turning - Curb to Curb	3 Wheel - 127"	4 Wheel - 175"	
Turning - Intersecting Aisle	3 Wheel - 66"	4 Wheel - 83"	
Dimensions & Weight			
Overall L x W x H (inches)	86.0 X 29.3 X 46.5		
Wheelbase (inches)	3 Wheel - 54"	4 Wheel - 53.5"	
Ground Clearance (inches)	4		
Load Bed Height (inches)	20.5		
Load Bed - L x W (inches)	21.5 X26.0		
Vehicle Weight (lbs)	3 Wheel 24V - 855 lbs, 48V - 1100 lbs	4 Wheel 24V - 940 lbs, 48V - 1183 lbs	
Rated Capacity ² (lbs)	750		
Power Train			
Motor	24 & 48 Volt, NEMA class H temperature rated, separately excited		
Horsepower	5.2 HP		15.3 HP
Batteries	Four, 6 volt, 225 amp hour, 115 minute, deep cycle		Four, 12 volt, 145 amp hour, deep cycle
Charger	Bulit-in, micro-processor controlled, fully sealed, global, 110 - 240 VAC, 50/60 HZ		
Speed Controller	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 accelerator pedal proportional
Directional Control	Fully electronic direction switching with console mounted selector switch		
Drive Unit	Automotive style, helical gears in oil bath, direct to motor		
Differential	12.44:1 final drive ratio		16.99:1 final drive ratio
Body			
Passenger Capacity	1 or 2		
Seating	Black Vinyl, with fold down back rest		
Body	14-gauge Powder coated Diamond plate steel		
Lighting	Brake light / Available Head Taillight option		
Instrumentation & Accessories	Horn, Battery discharge indicator, Reverse warning alarm, Wood deck board painted black		
Chassis			
Frame	Heavy duty welded steel chassis with 14 gauge diamond plate steel body		
Steering	Loop tiller control bar / Steering wheel option		
Brakes - Service & Parking	Auto adjusting, mechanical rear drum / foot parking brake		
Suspension - Front	Torsion rubber mounts		
Suspension - Rear	Coils spring with shock absorber		
Bumpers - Front & Rear	3 Wheel - Tubular front 2" diameter		
Tires	4.80x8 6 ply rating load range "C"		
Popular Options			
	Body color, Solid cushion or foam filled tires, Enlarged deck area, In motion beeper, Pole mounted strobe light, Pintle hitch, Ball hitch, Head, Tail and Brake lights		

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

2 - Includes personal, cargo, options and accessories

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All specifications are subject to change without notice.