

Summit NEV | Specifications & Features



SM-2



SM-4



SUV-S



SUV-L



Performance				
Speed, Forward - Maximum	25 mph			
Range - Maximum	Up to 40 Miles*	Up to 35 Miles*	Up to 40 Miles*	Up to 35 Miles*
Turning - Curb to Curb	248"	315"	265"	315"
Dimensions & Weight				
Overall L x W x H (inches)	99" x 48" x 72"	124"x 48" x 72"	107" x 48" x 72"	131"x 48" x 72"
Wheelbase (inches)	66"	92"	76"	91"
Ground Clearance (inches)	5.5"			
Flat Bed	—	—	36" x 44"	36" x 44"
Curb Weight	1500 lbs	1780 lbs	1600 lbs	1750 lbs
Gross Vehicle Weight	2090 lbs	2550 lbs	2338 lbs	2735 lbs
Power Train				
Motor	48-Volt, separately excited, NEMA class H temperature rated			
Horsepower	17.3 HP			
Batteries	Eight, 6 volt, 225 amp hour, 115 minute, deep cycle			
Charger	Built-in, micro-processor controlled, fully sealed, global, 110 - 240 VAC, 50/60 HZ			
Motor / Speed Controller	Programmable, solid state, 400 amp, pedal proportional control and regenerative braking with reduced speed reverse, diagnostic LED and calibrator interface			
Directional Control	Console mounted safety directional keyswitch			
Drive Unit / Differential	Automotive style, helical gears in oil bath, direct to motor, 10.35:1 final drive ratio			
Body				
Passenger Capacity	2	4	2	2
Front Seating	Deluxe adjustable buckets with padded armrests and seats covered in marine grade vinyl		Basic adjustable buckets with plastic armrests and padded seats covered in marine grade vinyl	
Rear Seating	—	Matching fixed bench	—	—
Lighting	Headlights, Taillights, Brake lights, Back-up lamps, Turn signals, Emergency flashers, Reflectors			
Windshield / Mirrors	Safety glass Windshield, Rear and side view mirrors			
Instrumentation & Accessories	Horn, Battery discharge indicator, Reverse warning alarm, Cup holders, Headliner, Storage compartments, Non-slip floor board			
Chassis				
Frame	High strength low alloy tubular steel frame, electro-statically power coated			
Steering	Automotive rack and pinion			
Brakes	Hydraulic rear drums, hand operated parking brake			
Suspension - Front	Transverse, 4 leaf spring with A arm, dual shock absorbers, adjustable camber			
Suspension - Rear	Swing arm mounted "live" differential with dual coil springs and shock absorbers			
Front Bumper	Poly, painted to match body color		Tubular steel, wrap-around, painted black	
Rear Bumper	Steel, painted black			
Tires & Wheels	175/50 R13 (7 x 20 x 13) DOT rated tires mounted on chrome steel wheels			
Popular Options				
	500 amp speed controller, Standard & Premium paint colors, Premium seat coverings, Aluminum wheels, Front wheel hydraulic brakes, Soft-sided weather enclosures, Hard sided doors with windows, Heater/defroster, Mirrors, Seat belts, Rear facing passenger seats, Hour meter, Unique keyswitch, Turn signals, LED tail lights, Speedometer, Locking glove boxes			
	Golf package, Deluxe interior trim package, Floor mats, Twin sweater baskets		244 amp hour batteries, Deluxe adjustable seats, Stake sides Bulkhead, Aluminum diamond plate deck cover, Rear wrap-around tubular bumper	

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

04 -1000

All specifications are subject to change without notice.

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	 SUV-S	 SUV-L
Performance		
Speed, Forward - Maximum	19 MPH (limited by controller)	
Range - Maximum	Up to 40 Miles*	Up to 35 Miles*
Turning - Curb to Curb	265"	315"
Dimensions & Weight		
Overall L x W x H (inches)	107" x 48" x 72"	131" x 48" x 72"
Wheelbase (inches)	76"	91"
Ground Clearance (inches)	5.5"	
Flat Bed	36" x 44"	36" x 44"
Curb Weight	1600 lbs.	1750 lbs.
Gross Vehicle Weight	2338 lbs	2735 lbs.
Power Train		
Motor	48-Volt, separately excited, NEMA class H temperature rated	
Horsepower	17.3 HP	
Batteries	Eight, 6 volt, 225 amp hour, 115 minute, deep cycle	
Charger	Built-in, micro-processor controlled, fully sealed, global, 110 - 240 VAC, 50/60 HZ	
Motor / Speed Controller	Programmable, solid state, 400 amp, pedal proportional control and regenerative braking with reduced speed reverse, diagnostic LED and calibrator interface	
Directional Control	Console mounted safety directional keyswitch	
Drive Unit / Differential	Automotive style, helical gears in oil bath, direct to motor, 10.35:1 final drive ratio	
Body		
Passenger Capacity	2	2
Front Seating	Basic adjustable buckets with plastic armrests and padded seats covered in marine grade vinyl	
Lighting	Headlights, Taillights, Brake Lights	
Instrumentation & Accessories	Horn, Battery discharge indicator, Reverse warning alarm, Cup holders, Headliner, Storage compartments, Non-slip floor board	
Chassis		
Frame	High strength low alloy tubular steel frame, electrostatically power coated	
Steering	Automotive rack and pinion	
Brakes	Hydraulic rear drums, hand operated parking brake	
Suspension - Rear	Swing arm mounted "live" differential with dual coil springs and shock absorbers	
Front Bumper	Tubular steel, wrap-around, painted black	
Rear Bumper	Steel, painted black	
Tires & Wheels	175/50 R13 (7 x 20 x 13) DOT rated tires mounted on chrome steel wheels	
Popular Options		
	500 amp speed controller, Standard & Premium paint colors, Premium seat coverings, Aluminum wheels, Front wheel hydraulic brakes, Soft-sided weather enclosures, Hard sided doors with windows, Heater/defroster, Mirrors, Seat belts, Rear facing passenger seats, Hour meter, Unique keyswitch, Turn signals, LED tail lights, Speedometer, Locking glove boxes	
	244 amp hour batteries, Deluxe adjustable seats, Stake sides Bulkhead, Aluminum diamond plate deck cover, Rear wrap-around tubular bumper	

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