

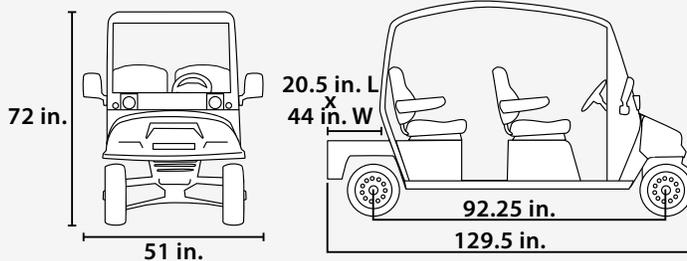
# SPECIFICATIONS & FEATURES



## SUMMIT SM4



### Dimensions



Step Height  
13 in.  
Load Bed Height  
28 in.  
Ground Clearance  
5.5 in.

### Performance

#### Max Speed Forward

19 MPH  
25 MPH (NEV)

#### Turning Radius

Curb to Curb - 325 in.

#### Range<sup>1</sup>

Up to 35 miles

### Weight & Capacity

<b>Vehicle Weight</b>	<b>Rated Capacity<sup>2</sup></b>
1,800 lbs.	850 lbs.

### Power Train

#### SM4 48 Volt

Motor:	48-Volt, separately excited, NEMA class H temperature rated
Horsepower:	17.3 HP @ 1750 rpm
Batteries:	Eight, 6 volt, 232 amp hour, 122 minute, deep cycle
Charger:	Built-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:	400 amp
Motor Braking Mode:	Regenerative and pedal proportional braking with top speed limiting
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:	Four
Seating:	Deluxe adjustable buckets with padded armrests and seats covered in marine grade vinyl
Body:	Front – Rhino Tuff™ molded polymer    Rear – Aluminum
Lighting:	Headlights, Taillights, Brake lights, Back-up lamps, Turn signals, Emergency flashers, Reflectors
Windshield / Mirrors	Safety glass Windshield, Rear and side view mirrors
Accessories:	Retractable seat belts, Lighted license plate holder, Horn, Battery discharge indicator, Reverse warning alarm, Cup holders, Headliner, Storage compartments, DC/DC converter

### Chassis

Frame:	High strength low alloy tubular steel frame, electrostatically powder coated
Steering:	Automotive rack and pinion
Brakes Service & Parking:	Hydraulic rear drums, hand operated parking brake
Front Suspension:	Transverse, 4 leaf spring with A arm, dual shock absorbers, adjustable camber
Rear Suspension:	Swing arm mounted "live" differential with dual coil springs and shock absorbers
Bumpers:	Front – Polymer, painted to match body color    Rear – Aluminum, painted black
Tires:	175/50 R13 (7 x 20 x 13) DOT rated tires mounted on chrome steel wheels

<sup>1</sup> Range will vary depending on temperature, grade, payload and driving style. | <sup>2</sup> Includes personnel, cargo, options and accessories.  
All specifications are subject to change without notice.

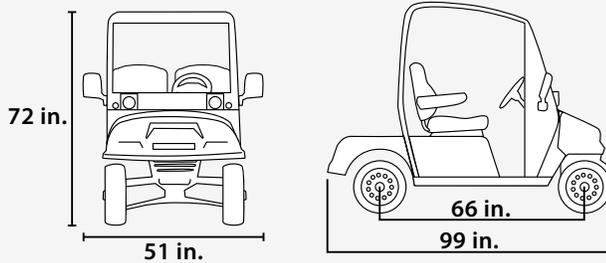
# SPECIFICATIONS & FEATURES



## SUMMIT SM2



### Dimensions



Step Height  
13 in.  
Load Bed Height  
28 in.  
Ground Clearance  
5.5 in.

### Performance

#### Max Speed Forward

19 MPH  
25 MPH (NEV)

#### Turning Radius

Curb to Curb - 248 in.

#### Range<sup>1</sup>

Up to 40 miles

### Weight & Capacity

<b>Vehicle Weight</b>	<b>Rated Capacity<sup>2</sup></b>
1,475 lbs.	590 lbs.

### Power Train

#### SM2 48 Volt

Motor:	48-Volt, separately excited, NEMA class H temperature rated
Horsepower:	17.3 HP @ 1750 rpm
Batteries:	Eight, 6 volt, 232 amp hour, 122 minute, deep cycle
Charger:	Built-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:	400 amp
Motor Braking Mode:	Regenerative and pedal proportional braking with top speed limiting
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:	Two
Seating:	Deluxe adjustable buckets with padded armrests and seats covered in marine grade vinyl
Body:	Front – Rhino Tuff™ molded polymer   Rear – Composite rear body
Lighting:	Headlights, Taillights, Brake lights, Back-up lamps, Turn signals, Emergency flashers, Reflectors
Windshield / Mirrors	Safety glass Windshield, Rear and side view mirrors
Accessories:	Retractable seat belts, Lighted license plate holder, Horn, Battery discharge indicator, Reverse warning alarm, Cup holders, Headliner, Storage compartments, DC/DC converter

### Chassis

Frame:	High strength low alloy tubular steel frame, electrostatically powder coated
Steering:	Automotive rack and pinion
Brakes	
Service & Parking:	Hydraulic rear drums, hand operated parking brake
Front Suspension:	Transverse, 4 leaf spring with A arm, dual shock absorbers, adjustable camber
Rear Suspension:	Swing arm mounted "live" differential with dual coil springs and shock absorbers
Bumpers:	Front – Polymer, painted to match body color   Rear – Polymer, black
Tires:	175/50 R13 (7 x 20 x 13) DOT rated tires mounted on chrome steel wheels

<sup>1</sup> Range will vary depending on temperature, grade, payload and driving style. | <sup>2</sup> Includes personnel, cargo, options and accessories. All specifications are subject to change without notice.