

# STAR M-SERIES

Models: BN72-08, BN72-11, BN72-14, BN72-23, BN72-11 Wheelchair Accessible

## VEHICLE STANDARD FEATURES

Twelve 6 V (72 V) batteries
10 hp AC motor (BN72-23: 12 hp AC motor)
550 A controller
Heavy duty rear-end for increased durability & hill climbing capability.
Headlights, taillights, brake lights, turning signals
LED roof-mounted dome lighting and side lights
Automotive windshield with wiper
Horn and reverse beeper
Rear view mirrors
Speedometer, odometer, battery indicator
PA system
Automatic battery charger
72 V to 12 V voltage reducer for accessories
Undercoating
Power steering
Aluminum storage trunk under the rear seat
Battery box
2 point seat belt for each person
Emergency power off push button
Marine grade wood board in seat cushions and backrest cushions
Fire extinguisher
One year bumper-to-bumper warranty (less wear items), two year battery warranty



BN72-08



BN72-11



BN72-14



BN72-23







BN72-11 Wheelchair Accessible

## VEHICLE OPTIONS AND UPGRADES

Bucket seats
Custom colors
Fan
Heater, defroster
On-board charger
Rear aluminum cargo box
Sunbrella enclosure
Solar panels
Side step

## STANDARD COLORS

	White and Silver
	Red and Silver
	Red
	White

Custom colors available: allow 12 weeks lead time.

	BN72-08	BN72-11	BN72-14	BN72-23	BN72-11 Wheelchair Accessible
<b>DIMENSIONS</b>					
<i>Overall dimensions</i>	146"L x 57"W x 77"H (371 cm x 145 cm x 196 cm)	180"L x 61"W x 79"H (457 cm x 155 cm x 201 cm)	186"L x 60"W x 81"H (472 cm x 152 cm x 206 cm)	221"L x 83"W x 89"H (561 cm x 211 cm x 226 cm)	186"L x 60"W x 81"H (472 cm x 152 cm x 206 cm)
<i>Wheel base</i>	83" (211 cm)	83" (211 cm)	83" (211 cm)	135" (343 cm)	83" (211 cm)
<i>Ground clearance</i>	5.5" (14 cm)	5.5" (14 cm)	5.5" (14 cm)	5.5" (14 cm)	5.9" (15 cm)
<i>Wheel type</i>	13" (33 cm) aluminum	13" (33 cm) aluminum	13" (33 cm) aluminum	15" (38 cm) steel	13" (33 cm) aluminum
<i>Tire size</i>	167/70-R13 DOT	167/70-R13 DOT	167/70-R13 DOT	195/70R 15C, DOT	167/70-R13 DOT
<i>Tire pressure</i>	44 psi (303 kPa)	44 psi (303 kPa)	44 psi (303 kPa)	44 psi (303 kPa)	44 psi (303 kPa)
<b>BODY</b>					
<i>Body material</i>	Fiberglass and plastic	Fiberglass and plastic	Fiberglass and plastic	Fiberglass and plastic	Fiberglass and plastic
<b>POWER</b>					
<i>Battery system</i>	12x6 V, Trojan T-105	12x6 V, Trojan T-105	12x6 V, Trojan T-105	12x6 V, Trojan T-105	12x6 V, Trojan T-105
<i>Motor power</i>	10 hp (7.5 kW) AC motor	10 hp (7.5 kW) AC motor	10 hp (7.5 kW) AC motor	12 hp (8.9 kW) AC motor	10 hp (7.5 kW) AC motor
<i>Controller power</i>	550 A Curtis controller	550 A Curtis controller	550 A Curtis controller	550 A Curtis controller	550 A Curtis controller
<b>PERFORMANCE</b>					
<i>Passengers</i>	8	11	14	23	11 + wheelchair
<i>Top speed</i>	18 mph (29 kph)	18 mph (29 kph)	18 mph (29 kph)	18 mph (29 kph)	18 mph (29 kph)
<i>Top climbing grade</i>	20%	20%	20%	15%	20%
<i>Turning radius</i>	18 ft (5.4 m)	21 ft (6.4 m)	21 ft (6.4 m)	26 ft (7.9 m)	21 ft (6.4 m)
<i>Load capacity</i>	1400 lbs (635 kg)	2640 lbs (1197 kg)	2640 lbs (1197 kg)	3850 lbs (1746 kg)	2640 lbs (1197 kg)
<i>Weight with batteries</i>	2130 lbs (966 kg)	2170 lbs (984 kg)	2800 lbs (1270 kg)	4000 lbs (1818 kg)	2640 lbs (1197 kg)
<i>Brake system</i>	Four-wheel hydraulic drum	Four-wheel hydraulic drum	Four-wheel hydraulic drum	Four-wheel hydraulic drum	Four-wheel hydraulic drum
<i>Drive train</i>	Autodrive	Autodrive	Autodrive	Autodrive	Autodrive
<b>STEERING AND SUSPENSION</b>					
<i>Steering system</i>	Rack and pinion power steering	Rack and pinion power steering	Rack and pinion power steering	Rack and pinion power steering	Rack and pinion power steering
<i>Front suspension</i>	Independent, coil over shock	Independent, coil over shock	Independent, coil over shock	Independent, coil over shock	Independent, coil over shock
<i>Rear suspension</i>	Leaf spring and shock	Leaf spring and shock	Leaf spring and shock	Leaf spring and shock	Leaf spring and shock