

# AK-SERIES

MODELS: AK48-2-STD, AK48-2-LONG, AK48-4

## VEHICLE STANDARD FEATURES

- Two year bumper-to-bumper warranty (less wear items)
- Eight 6V (48V) batteries
- 7hp AC motor
- 450A Controller
- Headlights, taillights, brake lights, turning signals
- Automotive windshield with wiper
- Horn and reverse beeper
- Speedometer, odometer, battery indicator
- Adjustable arm rests, adjustable front row backrest
- 2-point seat belts
- Deluxe stereo and CD player with two speakers
- Automatic battery charger
- 48V to 12V voltage reducer for accessories
- On-board charger
- Rear locking trunk

## UPGRADES

- LSV (NEV) street legal package
- Aluminum doors, weather-sealed
- 2,000 W high output Air Conditioner (for use with door upgrade)
- Five available utility box upgrades: stake box, enclosed box, beverage cart, insulated box, 2 tool box
- Patrol lights
- Battery filling system
- Heater and defroster
- Fan

## COLOR OPTIONS



WHITE



AK48-2-STD

AK48-2-LONG  
*Shown with door upgrade*



AK48-4  
*Shown with amber strobe light, air conditioner, and door upgrades.*



Utility Box (STD)



2 Tool Box



Stake Box



Enclosed Box



Insulated Box



Beverage Cart

# SPECIFICATIONS

|                                | AK48-2-STD   | AK48-2-LONG  | AK48-4   |
|--------------------------------|--|--|--|
| <b>DIMENSIONS</b>              |  |  |  |
| Overall dimensions             | 122" L x 57" W x 74" H<br>(310 cm x 145 cm x 188 cm)                             | 156" L x 57" W x 74" H<br>(396 cm x 145 cm x 188 cm)                             | 156" L x 57" W x 74" H<br>(396 cm x 145 cm x 188 cm)                             |
| Wheel base                     | 88" (224 cm)   | 120" (305 cm)  | 120" (305 cm)  |
| Ground clearance               | 5" (12.7 cm)   | 5" (12.7 cm)   | 5" (12.7 cm)   |
| Wheel type                     | 12" aluminum (30.5 cm)   | 12" aluminum (30.5 cm)   | 12" aluminum (30.5 cm)   |
| Tire Size                      | 225/55-R12 Radial, 5-ply   | 225/55-R12 Radial, 5-ply   | 225/55-R12 Radial, 5-ply   |
| <b>BODY &amp; CHASSIS</b>      |  |  |  |
| Chassis                        | Welded steel frame with phosphate electro-coating                                | Welded steel frame with phosphate electro-coating                                | Welded steel frame with phosphate electro-coating                                |
| Body material                  | Plastic polypropylene  | Plastic polypropylene  | Plastic polypropylene  |
| <b>POWER</b>                   |  |  |  |
| Battery system                 | 8x6 V, Trojan T-105  | 8x6 V, Trojan T-105  | 8x6 V, Trojan T-105  |
| Motor power                    | 7 hp (5.2 kW) AC motor   | 7 hp (5.2 kW) AC motor   | 7 hp (5.2 kW) AC motor   |
| Controller                     | 450A Controller  | 450A Controller  | 450A Controller  |
| <b>PERFORMANCE</b>             |  |  |  |
| Passenger                      | 2  | 2  | 4  |
| Top speed                      | 19.5 mph, 20-25 mph with LSV option<br>(31.4 kph, 32.2-40.2 kph with LSV option) | 19.5 mph, 20-25 mph with LSV option<br>(31.4 kph, 32.2-40.2 kph with LSV option) | 19.5 mph, 20-25 mph with LSV option<br>(31.4 kph, 32.2-40.2 kph with LSV option) |
| Top climbing grade             | 15% (loaded)   | 15% (loaded)   | 15% (loaded)   |
| Turning radius                 | 14.7 ft (4.5 m)  | 19.8 ft (6 m)  | 19.8 ft (6 m)  |
| Total load capacity            | 990 lbs (449 kg)   | 1100 lbs (499 kg)  | 990 lbs (449 kg)   |
| Cargo capacity                 | 660 lbs (299 kg)   | 800 lbs (363 kg)   | 800 lbs (363 kg)   |
| Weight with batteries          | 1750 lbs, 1900 lbs with doors<br>(794 kg, 862 kg with doors)                     | 1910 lbs, 2060 lbs with doors<br>(866 kg, 934 kg with doors)                     | 1910 lbs, 2060 lbs with doors (866 kg, 934 kg with doors)                        |
| Brake system                   | Four-wheel hydraulic drum brakes with hand-activated parking brake               | Four-wheel hydraulic drum brakes with hand-activated parking brake               | Four-wheel hydraulic drum brakes with hand-activated parking brake               |
| Drive train                    | Direct rear drive  | Direct rear drive  | Direct rear drive  |
| <b>STEERING AND SUSPENSION</b> |  |  |  |
| Steering system                | Rack and pinion  | Rack and pinion  | Rack and pinion  |
| Front suspension               | Independent, coil over shock   | Independent, coil over shock   | Independent, coil over shock   |
| Rear suspension                | Leaf spring and shock  | Leaf spring and shock  | Leaf spring and shock  |
| <b>CARGO BOX DIMENSIONS</b>    |  |  |  |
| Utility box                    | 48" x 47" x 10" (123 cm x 119 cm x 25 cm)  | 79" x 47" x 10" (201 cm x 119 cm x 25 cm)  | 48" x 47" x 10" (123 cm x 119 cm x 25 cm)  |
| 2 tool boxes                   | 48" x 47" x 19" (123 cm x 119 cm x 48 cm)  | 74" x 47" x 10" (188 cm x 119 cm x 25 cm)  | N/A  |
| Stake box                      | 48" x 47" x 19" (123 cm x 119 cm x 48 cm)  | 74" x 47" x 19" (188 cm x 119 cm x 48 cm)  | 48" x 47" x 19" (123 cm x 119 cm x 48 cm)  |
| Enclosed box                   | 48" x 47" x 38" (123 cm x 119 cm x 97 cm)  | 71" x 47" x 38" (180 cm x 119 cm x 97 cm)  | 48" x 47" x 38" (123 cm x 119 cm x 97 cm)  |
| Insulated box                  | 48" x 47" x 38" (123 cm x 119 cm x 97 cm)  | 71" x 47" x 38" (180 cm x 119 cm x 97 cm)  | 48" x 47" x 38" (123 cm x 119 cm x 97 cm)  |
| Beverage cart                  | 48" x 47" x 19" (123 cm x 119 cm x 48 cm)  | 74" x 47" x 19" (188 cm x 119 cm x 48 cm)  | 48" x 47" x 19" (123 cm x 119 cm x 48 cm)  |

Specifications are subject to change without notification.

