

STAR EV

COMMERCIAL VEHICLES



COMMERCIAL LINE UP

Our commercial vehicles are designed and built specifically to move people and products in commercial and industrial settings. These vehicles work wonders to boost productivity, efficiency, and profitability. Equipped for what's often a very demanding job, STAR EVs quickly earn their keep in virtually any type of workplace. Long shifts, tough tasks, and tight spots are all in a day's work for STAR.



CAPELLA WM
ENCLOSED STYLE







A TURN FOR THE BETTER

STANDARD FEATURES

(12) T105 6 Volt batteries
10 hp AC motor (BN72-23: 12 hp AC motor)
550A 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 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

UPGRADES

Bucket seats
Custom colors
STAR Smart Lithium Batteries (210Ah) or AGM
Fan
Heater, defroster
On-board charger
Rear aluminum cargo box
Sunbrella enclosure
Solar panels
Side steps



M-SERIES
BN72-08



M-SERIES
BN72-11



M-SERIES
BN72-14-Open Style Bus

M-SERIES
BN72-11 WC



M-SERIES
BN72-23



M-SERIES SPECIFICATIONS

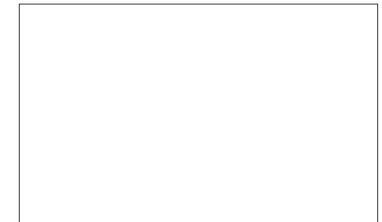
	BN72-08	BN72-11	BN72-14
Overall	157"L x 60"W x 83"H (399 cm x 152 cm x 210 cm)	183"L x 60"W x 81"H (464 cm x 152 cm x 206 cm)	196"L x 60"W x 81"H (498 cm x 152 cm x 206 cm)
Wheel base	75" (190 cm)	105" (267 cm)	105" (267 cm)
Ground clearance	4" (10 cm)	4" (10 cm)	4" (10 cm)
Wheel type	13" (33 cm) aluminum	13" (33 cm) aluminum	13" (33 cm) aluminum
Tire size	167/70-R13 DOT	167/70-R13 DOT	167/70-R13 DOT
Tire pressure	44 psi (303 kPa)	44 psi (303 kPa)	44 psi (303 kPa)
BODY & CHASSIS			
Chassis	Tubular Structural steel with powder coat	Tubular Structural steel with powder coat	Tubular Structural steel with powder coat
Body material	Metal plate and plastic	Metal plate and plastic	Metal plate and plastic
POWER			
Battery system	(12) T105 6 Volt batteries	(12) T105 6 Volt batteries	(12) T105 6 Volt batteries
Motor power	10 hp (7.5 kW) AC motor	10 hp (7.5 kW) AC motor	10 hp (7.5 kW) AC motor
Controller power	550A Controller	550A Controller	550A Controller
PERFORMANCE			
Passengers	8	11	14
Top speed	18 mph (29 kph)	18 mph (29 kph)	18 mph (29 kph)
Climbing grade	20%	20%	20%
Turning radius	18 ft (5.4 m)	21 ft (6.3 m)	21 ft (6.3 m)
Load capacity	1400 lbs (635 kg)	2640 lbs (1197 kg)	2640 lbs (1197 kg)
Weight with batteries	2130 lbs (966 kg)	2170 lbs (984 kg)	2800 lbs (1270 kg)
Brake system	Four wheel brake drum	Four wheel brake drum	Four wheel brake drum
Drive train	Autodrive	Autodrive	Autodrive
STEERING AND SUSPENSION			
Steering system	Rack and pinion power steering	Rack and pinion power steering	Rack and pinion power steering
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

Specifications are subject to change without notification.

STANDARD COLORS

	BN72-11 WC ACCESSIBLE	BN72-23
Overall	196"L x 60"W x 81"H (498 cm x 152 cm x 206 cm)	224"L x 71"W x 90"H (570 cm x 180 cm x 229 cm)
Wheel base	105" (267 cm)	135" (343 cm)
Ground clearance	4" (10 cm)	4" (10 cm)
Wheel type	13" (33 cm) aluminum	15" (38 cm) steel
Tire size	167/70-R13 DOT	195/70R 15C, DOT
Tire pressure	44 psi (303 kPa)	44 psi (303 kPa)
BODY & CHASSIS		
Chassis	Tubular Structural steel with powder coat	Tubular Structural steel with powder coat
Body material	Metal plate and plastic	Metal plate and plastic
POWER		
Battery system	(12) T105 6 Volt batteries	(12) T105 6 Volt batteries
Motor power	10 hp (7.5 kW) AC motor	12 hp (8.9 kW) AC motor
Controller power	550A Controller	550A Controller
PERFORMANCE		
Passengers	11 + Wheelchair	23
Top speed	18 mph (29 kph)	18 mph (29 kph)
Climbing grade	20%	15%
Turning radius	21 ft (6.4 m)	26 ft (7.9 m)
Load capacity	2640 lbs (1197 kg)	3850 lbs (1746 kg)
Weight with batteries	2640 lbs (1197 kg)	4000 lbs (1818 kg)
Brake system	Four wheel brake drum	Four wheel brake drum
Drive train	Autodrive	Autodrive
STEERING AND SUSPENSION		
Steering system	Rack and pinion power steering	Rack and pinion power steering
Front suspension	Independent, coil over shock	Independent, coil over shock
Rear suspension	Leaf spring and shock	Leaf spring and shock

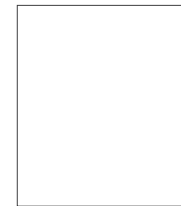
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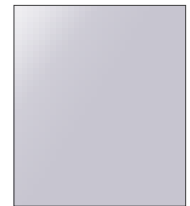
WHITE



RED



WHITE & SILVER



RED & SILVER

Custom colors available: Allow 12 weeks lead time

AP-48-4 AMBULANCE

STAR EV® AP Ambulance's are geared up for first responders. Medical emergencies can occur in an instant at any stadium, resort, campus, parks, or offices.

AP48-04 AMBULANCE

Overall	153"L x 47"W x 77"H (389 cm x 119 cm x 196 cm)
Wheel base	30"L x 43"W x 8.5"H (76 cm x 109 cm x 22 cm)
Wheel base	125" (318 cm)
Ground Clearance	5" (12.7 cm)
Wheel type	10" (25.4 cm) aluminum
Tire Size	20.5x8-10, 6-ply DOT
BODY & CHASSIS	
Chassis	Welded steel frame with phosphate electro-coating
Body material	Plastic polypropylene
Optional doors	Aluminum
POWER	
Battery system	(8) T105 6 Volt batteries
Motor power	7 hp (5.2 kW) AC motor
Controller power	450A Controller
PERFORMANCE	
Passengers	4 + stretcher (not included)
Top speed	19.5 mph, 20-25 mph with LSV option (31.4 kph, 32.-40 kph with LSV option)
Climbing grade	20%
Turning radius	20 ft (6.1 m)
Load capacity	990 lbs (449 kg)
Weight with batteries	2240 lbs (1016 kg)
Brake system	Four-wheel hydraulic drum brakes with hand-activated parking brake
Drive train	Direct rear drive with 12.49:1 ratio
STEERING AND SUSPENSION	
Steering system	Rack and pinion
Front suspension	Independent, coil over shock
Rear suspension	Leaf spring and shock





AP-48-4
AMBULANCE

CAPELLA 6 LONG

DRIVE WITH AUTHORITY. RIDE IN COMFORT

Built expressly to carry out its assigned duties efficiently and economically, CAPELLA Transit is a next-generation Small Task-Oriented Vehicle (STOV) that delivers clean, quiet, emissions-free transport services for work or play. Compact, versatile and nimble, CAPELLA comfortably accommodates up to 8 passengers – along with their gear – from pickup to drop-off points. Ideal for use in airports, campus environments, resorts, theme parks, event venues, industrial sites, and medical facilities, CAPELLA puts people and productivity in motion.



CAPELLA 6 Long Coastal Blue
with colored-matched premium seats

CAPELLA 6 LONG SPECS

Overall	152" L x 47.6" W x 73.4" H (386 cm x 121 cm x 186 cm)
Wheel base	124" (315cm)
Front wheel track	36.7" (93 cm)
Rear wheel track	38.6" (98 cm)
Ground clearance	4.8" (12 cm)
BODY & CHASSIS	
Frame	Welded structural steel, powder coated
Body material	Injection molded plastic with automotive paint and finish
Roof	Plastic, extended, color-matched
POWER	
Motor	5kW QDS™ AC Motor
Batteries	(8) 6 Volt deep cycle
Lithium Batteries upgrade	160Ah, 210Ah
Speed Controller	450A AC Controller
Drive train	Direct Drive with limited slip differential
PERFORMANCE	
Passengers	6
Curb weight	1556 lbs (524 kg)
Load capacity	1422 lbs (645 kg)
Turning radius	19.7 ft (6 m)
Maximum speed	19.5 mph (25 mph if LSV)
STEERING AND SUSPENSION	
Tires and Rims	10" tires with Aluminum Alloy Rim
Steering System	Rack and pinion double output, self-compensated
Front Suspension	Double swing arm independent coil over shock
Rear Suspension	Longitudinal leaf spring + shock absorption
Service Brake	4-wheel hydraulic brake
Parking Brake	Mechanical hand operated

Specifications are subject to change without notification.



CAPELLA 6 Long Arctic White
with tan and black premium seats



CAPELLA 6 Long Jet Black
with tan and black premium seats



CAPELLA 6 Long Candy Apple Red
with color matched premium seats



CAPELLA 6 Long Forest Blue Mist
with black premium seats



10" Digital Display



STAR SMART Lithium Batteries



QDS™ Drive System



High and Low Beams with
Integrated Turn Signals

CLASSIC H-SERIES UTILITY

For ultimate efficiency, STAR enlisted the revered CLASSIC and put it to work to create the H-SERIES. With models equipped to meet any job description, the H-SERIES builds upon the dependable CLASSIC chassis to create a solid utility vehicle that performs like a highly skilled tradesman. In any line of work, it pays to do the job right. That's why STAR's H-SERIES earns its keep on every shift.



CLASSIC 36-2H

Metallic Silver

CLASSIC 36-2H	
Overall	115"L x 47"W x 72"H (292 cm x 119 cm x 183 cm)
Cargo box	30"L x 43"W x 8.5"H (76 cm x 109 cm x 22 cm)
Wheel base	67" (170 cm)
Ground Clearance	5" (12.7 cm)
Wheel type	10" (25.4 cm) aluminum
Tire Size	205/50/10, 4-ply DOT
Tire Pressure	30 psi (207 kPa)
BODY & CHASSIS	
Chassis	Steel
Body material	Plastic
Roof	Plastic, beige
Side rails	Aluminum
POWER	
Battery system	(6) T105 6 Volt batteries
Motor power	4 hp (3 kW) Continuous DC
Controller power	350A Controller w/regenerative braking
PERFORMANCE	
Passengers	2
Top speed	18 mph (29 kph)
Climbing grade	25%
Turning radius	10 ft (3 m)
Load capacity	650 lbs (295 kg)
Weight with batteries	1230 lbs (558 kg)
Brake system	Rear drum
Drive train	Direct rear drive with 10.25:1 ratio
STEERING AND SUSPENSION	
Steering system	Rack and pinion
Front & Rear Suspension	Leaf spring and shock



CLASSIC 36-2H
Almond Pearl



CLASSIC 36-2H
Navy Blue

STANDARD COLORS



BLACK RED NAVY BLUE WHITE

PREMIUM COLORS



ALMOND PEARL METALLIC GREEN METALLIC SILVER YELLOW

Specifications are subject to change without notification.

CAPELLA WORK MACHINE

The Capella Work Machine is an all-electric and versatile model, purposefully designed to help move people and equipment around grounds quietly, safely and efficiently.



- Manual rear cargo large utility box
- Smart steering system
- 10" tire and aluminum wheels

Model	Capella 48-2-WM	Brakes	4 wheel hydraulic
Battery	Eight (8) T105 6 volt batteries or STAR Smart Lithium (210Ah)	Drive System	QDS™ Drive System with over temperature protection
Motor	5kW AC Motor	Steering	Rack and pinion double output, self compensated
Controller	450A Controller	Front suspension	Double swing arm independent coil over shock
Charger	On-board with bluetooth	Rear suspension	Longitudinal leaf spring + Shock absorption
Drive Train	Direct Drive	Rear Cargo	55" (L) x 44.1" (W) x 12.2" (H) inches 1397 (L) x 1120 (W) x 310 (H) mm
Box Material	Aluminum	Carry Capacity	500 kGs (1102 lbs)



- Rear cargo utility box
- Smart steering system
- Aluminum wheels

Model	Capella CP-WM-2 (Enclosed)	Brakes	4 wheel hydraulic
Battery	Eight (8) T105 6 volt batteries or STAR Smart Lithium (210Ah)	Drive System	QDS™ Drive System with over temperature protection
Motor	5kW AC Motor	Steering	Rack and pinion double output, self compensated
Controller	450A Controller	Front suspension	Double swing arm independent coil over shock
Charger	On-board with bluetooth	Rear suspension	Longitudinal leaf spring + Shock absorption
Drive Train	Direct Drive	Rear Cargo	139" (L) x 50" (W) x 69" (H) inches 3530 (L) x 1270 (W) x 1753 (H) mm
Box Material	Aluminum	Carry Capacity	500 kGs (1102 lbs)



- Insulated Box
- Smart steering system
- 10" tire and aluminum wheels

Model	Capella 48-2-IB (Insulated Box)	Brakes	4 Wheel hydraulic
Battery	Eight (8) T105 6 volt batteries or STAR Smart Lithium (210Ah)	Drive System	QDS™ Drive System with over temperature protection
Motor	5kW AC Motor	Steering	Rack and pinion double output, self compensated
Controller	450A Controller	Front suspension	Double swing arm independent coil over shock
Charger	On-board with bluetooth	Rear suspension	Longitudinal leaf spring + Shock absorption
Drive Train	Direct Drive	Rear Cargo	63" (L) x 47.2" (W) x 39" (H) inches 1600 (L) x 1199 (W) x 991 (H) mm
Box Material	Aluminum	Carry Capacity	N/A



- Enclosed box
- On-Board Charger
- 10" tire and aluminum wheels

Model	Capella 48-2-EB (Enclosed Box)	Brakes	4 Wheel hydraulic
Battery	Eight (8) T105 6 volt batteries or STAR Smart Lithium (210Ah)	Drive System	QDS™ Drive System with over temperature protection
Motor	5kW AC Motor	Steering	Rack and pinion double output, self compensated
Controller	450A Controller	Front suspension	Double swing arm independent coil over shock
Charger	48V18A, on-board w/ remote LED	Rear suspension	Longitudinal leaf spring + Shock absorption
Drive Train	Direct Drive	Rear Cargo	53.1" (L) x 45" (W) x 43.3" inches 1349 (L) x 1143 (W) x 1099 (H) mm
Box Material	Aluminum	Carry Capacity	N/A





CAPELLA WM 48-2-HCX
UTILITY BOX

CAPELLA UTILITY VEHICLES

From hauling to towing to security duty, we have the plug-in utility vehicles to meet all your industrial and commercial needs. These cars come standard with material-handling grade controllers and ac motors built for heavy loads.



- Manual rear cargo large utility box
- Smart steering system
- 10" tire and aluminum wheels

Model	Capella 48-2-HCX	Brakes	4 wheel hydraulic
Battery	Eight (8) T105 6 volt batteries or STAR Smart Lithium (210Ah)	Drive System	QDS™ Drive System with over temperature protection
Motor	5kW AC Motor	Steering	Rack and pinion double output, self compensated
Controller	450A Controller	Front suspension	Double swing arm independent coil over shock
Charger	On-board with bluetooth	Rear suspension	Longitudinal leaf spring + Shock absorption
Drive Train	Direct Drive	Rear Cargo	14" (L) x 43.3" (W) x 9.1" (H) inches 355 (L) x 1099 (W) x 231 (H) mm
Box Material	Aluminum	Carry Capacity	350 kGs (772 lbs)



- Small utility box
- Smart steering system
- 10" tire and aluminum wheels

Model	Capella 48-2-H	Brakes	Mechanical Brake
Battery	Eight (8) T105 6 volt batteries or STAR Smart Lithium (210Ah)	Drive System	QDS™ Drive System with over temperature protection
Motor	4kW AC Motor	Steering	Rack and pinion double output, self compensated
Controller	350A Controller	Front suspension	Double swing arm independent coil over shock
Charger	On-board with bluetooth	Rear suspension	Longitudinal leaf spring + Shock absorption
Drive Train	Direct Drive	Rear Cargo	31.5" (L) x 43.3" (W) x 9.1" (H) inches 800 (L) x 1099 (W) x 231 (H) mm
Box Material	Aluminum	Carry Capacity	150 kGs (331 lbs)



- Small utility box
- Smart steering system
- 10" tire and aluminum wheels

Model	Capella 4H	Brakes	4 wheel hydraulic
Battery	Eight (8) T105 6 volt batteries or STAR Smart Lithium (210Ah)	Drive System	QDS™ Drive System with over temperature protection
Motor	5kW AC Motor	Steering	Rack and pinion double output, self compensated
Controller	450A Controller	Front suspension	Double swing arm independent coil over shock
Charger	On-board with bluetooth	Rear suspension	Longitudinal leaf spring + Shock absorption
Drive Train	Direct Drive	Rear Cargo	31.5" (L) x 43.3" (W) x 9.1" (H) inches 800 (L) x 1099 (W) x 231 (H) mm
Box Material	Aluminum	Carry Capacity	150 kGs (331 lbs)



- Dumping utility box
- Smart steering system
- 10" tire and aluminum wheels

Model	Capella 48-4-HCX	Brakes	4 Wheel hydraulic
Battery	Eight (8) T105 6 volt batteries or STAR Smart Lithium (210Ah)	Drive System	QDS™ Drive System with over temperature protection
Motor	5kW AC Motor	Steering	Rack and pinion double output, self compensated
Controller	450A Controller	Front suspension	Double swing arm independent coil over shock
Charger	On-board with bluetooth	Rear suspension	Longitudinal leaf spring + Shock absorption
Drive Train	Direct Drive	Rear Cargo	63" (L) x 41" (W) x 9.1" (H) inches 1600 (L) x 1041 (W) x 231 (H) mm
Box Material	Aluminum	Carry Capacity	150 kGs (331 lbs)





CAPELLA WM 48-2
INSULATED BOX



STAR EV Corporation is headquartered in Greenville, South Carolina and manufactures street legal low-speed electric vehicles. We strive every day to deliver exceptionally engineered world class electric vehicles, providing comfort, safety and a superior driving experience.

