



J-MODEL

OWNER'S MANUAL



FORWARD

Dear STAR EV® Owner,

Congratulations on your purchase of the STAR EV J-Model. The J-Model was designed from the ground up for owners like you. Every decision our team made, from the architecture of the chassis to the last detail of the interior, was made with the personal transportation owner in mind.

The J-Model sets itself apart in the ways that matter most: ample, well-placed storage, class-leading technology, strong and responsive performance, and premium materials that look and feel the part. The styling is intentional, not incidental. Our design and engineering team has a reputation for pushing past “good enough,” and the J-Model reflects that standard at every turn.

We believe the best vehicles earn loyalty not just at the point of purchase, but over years of ownership. The J-Model is our commitment to that belief. On behalf of everyone at STAR EV®, our designers, engineers, dealers, and service technicians, thank you for choosing us. We look forward to continuing to earn your confidence as we develop what comes next.

Please read this manual in its entirety before operating your vehicle. It contains essential information about your vehicle’s features, safe operation, and maintenance requirements. Keep this manual in the vehicle for easy reference at all times.

BEFORE YOU DRIVE

- Read this manual completely before operating the vehicle for the first time.
- Before each trip, confirm the battery is adequately charged, tires are inflated to the recommended pressure, and the steering and braking systems are functioning properly.
- Only licensed, capable adults who have read this manual should operate this vehicle.

WARRANTY NOTICES

- Use of non-OEM (Original Equipment Manufacturer) approved parts may void your vehicle warranty. Always use STAR EV-approved components for all repairs and replacements.

- Modifications to the vehicle’s electrical system, mechanical components, governor, or software will void the warranty and may compromise vehicle safety.
- Reproduction of any portion of this manual, in whole or in part, in any form, without the express written consent of STAR EV is prohibited.

GETTING SUPPORT

- For questions about operation, maintenance, parts, or warranty service, contact your authorized STAR EV dealer. Our dealer network is trained and equipped to support your vehicle throughout its service life.

NOTICE: All specifications, illustrations, and data in this manual reflect production information available at the time of publication. Because STAR EV continuously improves its products, some details may differ from the vehicle as delivered. STAR EV reserves the right to modify products and documentation at any time without prior notice.

IMPORTANT WARNINGS

WARNING!

You are responsible for your safety and the safety of all passengers and bystanders when operating this vehicle.

STAR EV vehicles handle differently from conventional automobiles, motorcycles, or ATVs. An accident can occur quickly, even during routine maneuvers such as turning or driving on uneven terrain, if proper precautions are not followed. SERIOUS INJURY OR DEATH can result from improper operation.

OFF-HIGHWAY VEHICLE NOTICE

This vehicle is designed and manufactured for off-highway use only, including golf course and private property applications. It is illegal to operate this vehicle on any public street, road, or highway except where explicitly permitted by applicable local law.

A VEHICLE CAN BE HAZARDOUS TO OPERATE.

Understanding and following the warnings in this manual significantly reduces that risk. Ignoring them increases the possibility of accidents that could result in serious injury or death.

PROHIBITED MODIFICATIONS

Never make modifications to the battery, motor, drive system, governor, or any mechanical or electrical system of your vehicle. Never install aftermarket parts or accessories intended to increase vehicle speed or power. Unauthorized modifications:

- May compromise vehicle safety and create hazardous operating conditions.
- May violate applicable local, state, or federal regulations.
- Will void the vehicle warranty.

ACCESSORY & EQUIPMENT NOTICE

Adding equipment such as mowers, blades, sprayers, or winches will change the vehicle's handling and performance characteristics. Installing electrical accessories without consulting your authorized STAR EV dealer may interfere with vehicle control systems. Always consult your dealer before adding any accessory or electrical equipment to the vehicle.

RESPONSIBLE OPERATION

- Comply with all applicable local, state/provincial, and federal/national laws and regulations.
- Respect other operators, pedestrians, property, and the environment at all times.
- Operate responsibly and within your skill level.

Read and follow all warnings before operating your STAR EV vehicle. Failure to observe these warnings may result in property damage, serious injury, or death.

OPERATOR REQUIREMENTS

- This vehicle must be operated only by a licensed driver who is a capable adult. Never allow a minor or anyone who has not read this manual to operate the vehicle.
- Never operate this vehicle while under the influence of alcohol, drugs, or any substance that may impair judgment or reaction time.
- Never carry more passengers than the vehicle has seats. Never allow passengers to ride on cargo areas, running boards, or anywhere other than a designated seat.
- All occupants must wear seat belts at all times while the vehicle is in motion.
- Before allowing a guest to operate this vehicle, ensure they have read this manual and all safety labels in their entirety.

CONTROLS & STARTING

- Never press the accelerator and brake pedals simultaneously. Doing so may damage the control system and cause motor burnout.
- Always fully release the parking brake before moving the vehicle. Driving with the parking brake engaged may cause permanent damage to the brake system and related components.
- Always keep both hands on the steering wheel while driving. Do not wrap your thumbs around the spokes — on rough terrain, sudden wheel movement can cause serious hand or thumb injuries.
- Keep all hands, arms, feet, and legs inside the vehicle at all times during operation. Keep feet on the floorboard.

SPEED & TERRAIN

- Never operate at excessive speed. Always travel at a speed appropriate for terrain, visibility, and conditions.
- Never attempt wheelies, jumps, stunts, or other maneuvers for which this vehicle is not designed.
- Always go slowly and exercise extra caution on unfamiliar terrain. Remain alert to changing terrain conditions at all times.
- Never operate on excessively rough, slippery, or loose terrain.
- Always inspect the area ahead for obstacles before operating in a new location. Never attempt to drive over large obstacles such as rocks or fallen trees.

IMPORTANT WARNINGS

HILL OPERATION

- Never operate on hills steeper than the vehicle's rated capability or beyond your skill level. Practice on smaller inclines before attempting steeper ones.
- Always check terrain carefully before climbing or descending any hill. Never attempt a hill with an excessively slippery or loose surface.
- When climbing, maintain a steady speed. Never open the throttle suddenly or make abrupt gear changes.
- Never crest a hill at high speed.
- When descending, never go down at high speed. Go straight down where possible and avoid angles that cause the vehicle to lean sharply to one side.
- Never attempt to turn around on a hill. Avoid traversing steep side slopes whenever possible.
- If the vehicle stalls or rolls backward on a hill, follow the emergency braking procedure described in the Operation section of this manual.

ROLLOVER RISK

- Uneven terrain, side slopes, turning too sharply or too quickly, and combinations of these conditions all increase rollover risk.
- If the vehicle begins to tip, do not extend your arms or legs outside the vehicle to brace against the fall. Doing so risks crushing injuries to your hands, arms, feet, or legs. Keep all limbs inside the vehicle until it has come to a complete stop.

WATER & WET CONDITIONS

- Avoid operating through deep or fast-moving water. Do not exceed the maximum water depth specified in the Specifications section of this manual.
- When crossing shallow water, go slowly. Avoid sudden movements, sharp turns, or abrupt throttle changes.
- Braking performance is reduced when brake components are wet. After exiting a wet area, test your brakes. If stopping distance is increased, apply the brakes lightly and repeatedly to allow friction to dry the pads before resuming normal operation.
- This vehicle does not protect occupants from adverse weather. During severe rain or storms, exit the vehicle and seek shelter in a safe location.

CARGO, ACCESSORIES & MODIFICATIONS

- Never exceed the rated load capacity of the front cargo rack or any other cargo area. Ensure all cargo is properly secured before operating.
- Reduce speed when carrying cargo and allow greater stopping distance.
- Never install accessories or make modifications intended to increase vehicle speed or power. Doing so voids the warranty and may create unsafe operating conditions.
- Installing electrical accessories — such as alarm systems or communication devices — without consulting your authorized STAR EV dealer may interfere with vehicle control systems and affect performance. Always consult your dealer before adding electrical equipment.

- Adding equipment such as mowers, sprayers, winches, or blades will change the vehicle's handling and performance characteristics. Adjust your operation accordingly.

REVERSE OPERATION

- Before reversing, always confirm that no people or obstacles are behind the vehicle.
- Reverse slowly. Avoid sharp turns in reverse.

TIRES

- Always use the tire size and type specified in this manual. Maintain tire pressure at the values listed in the Specifications section.
- When replacing a tire, torque all wheel fasteners to the specified value. Loose wheel fasteners can cause wheel separation and loss of vehicle control.

BATTERY & CHARGING

- Keep the battery away from open flames, sparks, or other ignition sources.
- Wear eye protection whenever inspecting or servicing the battery.
- Do not place objects on top of the charger. Ensure adequate clearance around the charger for ventilation and heat dissipation.
- Never operate or perform maintenance on the vehicle while it is connected to the charger. Doing so risks electric shock and equipment damage.
- When servicing or inspecting battery components, always use properly insulated gloves, footwear, and tools.
- When a battery reaches end of life, do not dispose of it in household waste. Bring it to your authorized STAR EV dealer or a certified battery recycling facility.

LEGAL & REGULATORY

- Unless purchased as a LSV which have a VIN number, the maximum speed of the vehicle is 19.5 MPH, if a LSV, then 25 MPH is the maximum speed. LSVs are street legal and can generally be driven on any U.S. roadway posted 35 MPH or slower.
- Comply with all applicable local, state, and federal laws and regulations governing the use of off-highway vehicles.
- It is illegal to operate this vehicle while intoxicated. Overloading the vehicle beyond its rated capacity is strictly prohibited.
- Never modify the vehicle's circuits, components, or governor settings. Unauthorized modifications void the warranty, may create hazardous conditions, and may violate applicable regulations.

Questions or concerns? Contact your authorized STAR EV dealer for assistance with operation, service, parts, or warranty matters. Your dealer is your best resource for keeping your vehicle safe and performing at its best.

SAFETY INFORMATION

Read all the safety statements carefully before attempting any procedure.






Observe these NOTICES, CAUTIONS, WARNINGS and DANGERS; be aware that servicing a vehicle requires mechanical skill and a regard for conditions that could be hazardous. Improper service or repair may damage the vehicle or render it unsafe.

Replace missing, damaged or unreadable safety decals immediately to prevent possible property damage, personal injury, or death. Purchase replacement safety decals from your dealer or distributor.

Know and understand the laws and regulations for vehicle operations in your area. For any questions on material contained in this manual, contact an authorized representative for clarification.

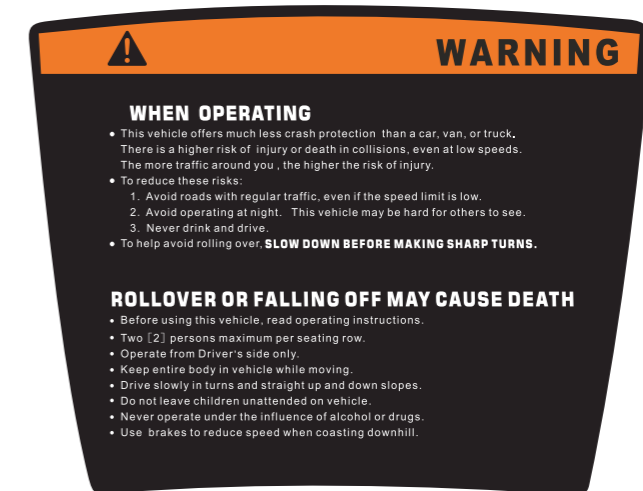
The components of the Save LIVES package are: Safe vehicles play a critical role in averting crashes and reducing the likelihood of serious injury.

Speed management, Leadership, Infrastructure design, Vehicle safety standards, Enforcement of traffic laws and Survival after a crash.

SAFETY INFORMATION	
	The safety alert symbol is used to alert you for possible personal injury hazards. Obey all safety regulations that follow this symbol to prevent possible injuries or death.
	A DANGER label identifies hazardous situations which may cause death or serious injuries.
	A WARNING label identifies hazardous situations which may cause death or serious injuries.
	A CAUTION label identifies hazardous situations which may cause minor or moderate injuries.
	A NOTICE label identifies hazardous situations which may cause property damages.

READ ALL THE SAFETY STATEMENTS CAREFULLY BEFORE ATTEMPTING ANY PROCEDURE.

OPERATOR WARNING DECAL



WINDSHIELD WARNING DECAL(L)



WINDSHIELD WARNING DECAL(R)



SAFETY INFORMATION

Read all the safety statements carefully before attempting any procedure.

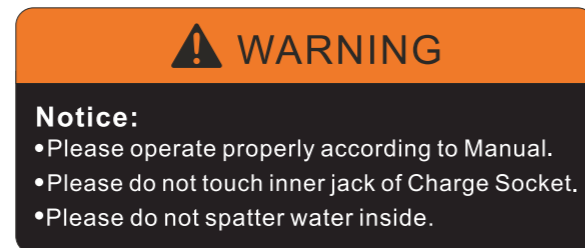
PINCH POINTS WARNING DECAL



REAR OF THE CAR WARNING DECAL



CHARGING STAND WARNING DECAL



READ ALL THE SAFETY STATEMENTS CAREFULLY BEFORE ATTEMPTING ANY PROCEDURE.

BATTERY SAFETY INFORMATION

Safety and warning labels are on the lithium battery for your protection. Read and comply with the instructions on the labels for avoiding the potential risks or injuries. If any labels shown below are damaged, comes off or becomes illegible, contact your STAR EV dealer for replacements.



While working on a li-ion battery wear protective eyeglasses and clothing



Do not place metallic items or tools on top of a li-ion battery. Avoid short circuits.



Explosion and fire hazard. The terminals of a li-ion battery are always live, therefore do not place metallic items or tools on top of a li-ion battery. Avoid short circuits.



Batteries must not be mixed with domestic or industrial waste.



Do not open or dismantle the battery. Electrolyte is very corrosive. If the battery casing is damaged do not touch the exposed electrolyte or powder because it is corrosive.



Do not touch any electrical components without any insulation protection.



Batteries marked with the recycling symbol must be processed via a recognized recycling agency.



Observe these instructions and keep them located near the battery for future. Read, understand and comply with all warning and instructions.

LITHIUM-ION BATTERY DISPOSAL

Safety and warning labels are on the lithium battery for your protection. Read and comply with the instructions on the labels for avoiding the potential risks or injuries. If any labels shown below is damaged, comes off or becomes illegible, contact your STAR EV dealer for replacements.



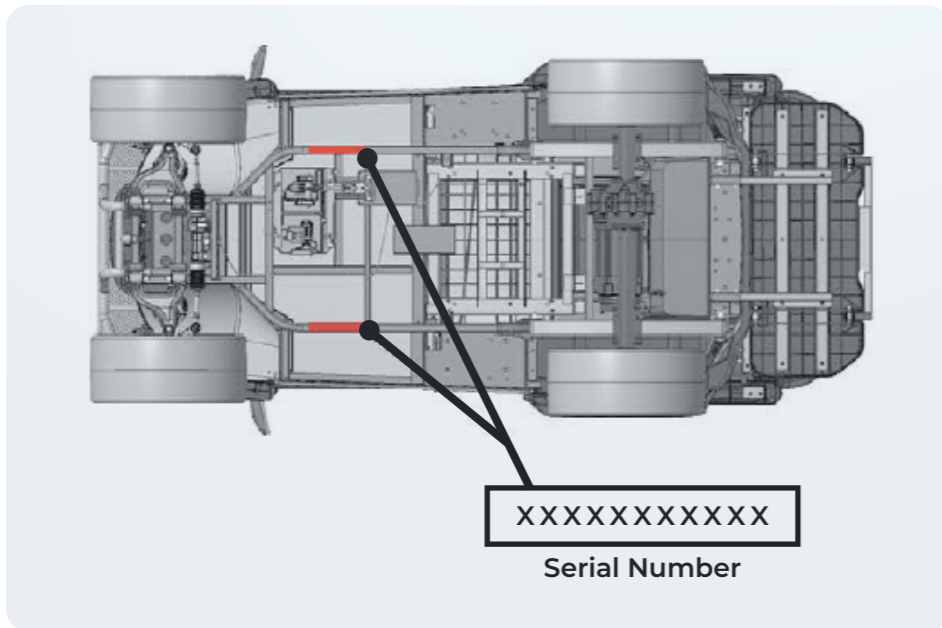
- Lithium-ion batteries are recyclable.
- Lithium-ion batteries must be collected and recycled separately from other waste.
- Do not discard lithium-ion batteries as municipal waste.
- Speak with your dealer or distributor on returning or recycling used or damaged battery packs.
- Contact local or state environmental department for disposal information.

Failure to operate the vehicles as instructed can cause collision, loss of control or roll over, resulting in severe injury or death. Follow all safety warnings or labels in this owner manual. All operators must read, understand and comply with these warnings and labels before operating the vehicles. Follow the safety information and operating procedures described.

- Operate your vehicle responsibly to prevent dangerous conditions for the operator, passengers and other people in the area of operation
- Operate your vehicle responsibly and keep the vehicle in safe condition of operation
- The driver must keep both hands on the steering wheel and both feet on the floor or pedals.
- Inspect the vehicle before each use to make sure it is in safe operating condition. Perform the daily inspection described in this manual.
- Always have the vehicle checked by an authorized dealer if it is involved in an accident.
- Remove the key when the vehicle is not in use to prevent accidental starting or unauthorized use.
- Drive the vehicle at appropriate speeds for the terrain and conditions. Be aware of environmental conditions that change the terrain and your ability to control the vehicle.
- Do not drive on excessively steep hills. Evaluate the terrain before descending a hill. Drive slowly and deliberately. Use the brake to limit speed and maintain control. Sudden braking or turning can cause loss of vehicle control. Drive straight up or down the hill; do not drive across the hill.
- Operate only in approved areas. Follow all applicable safety rules for the area.

VEHICLE SERIAL NUMBERS

All vehicles have serial numbers on the left side of the chassis frame. The first four numbers are the manufacturing year of the vehicle, the other five numbers are the vehicle's serial number given by STAR EV Electric Vehicles. All the vehicles are documented. After the vehicles are sold out of the factory, STAR EV corporation will track the vehicles by using the vehicle's serial number as Identity. Serial numbers are warranty Insurance from STAR EV Corporation. Customers should be aware of the importance of vehicle serial numbers .



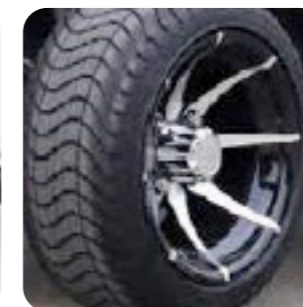
Design changes occur on a continuous basis. In order to get the correct components for Vehicles, the correct serial number and vehicle model must be supplied. The warranty might become invalid due to missing serial numbers. Please contact dealer and provide the adequate purchase documents for warranty and get a new serial number plate as soon as possible.

J-MODEL 2 SEATER

Be familiar with vehicle features before attempting any operations.

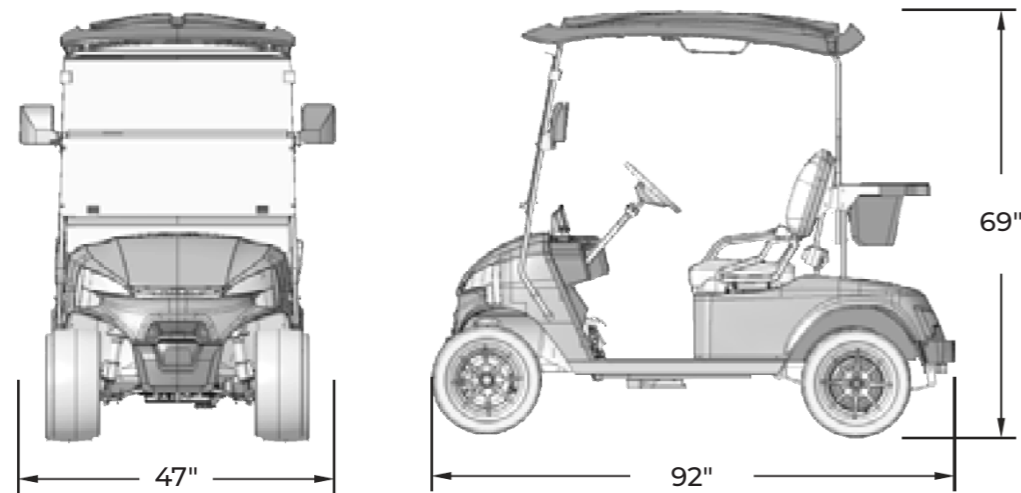


- 2 seats golf car, plastic body.
- AC 48V/4KW motor, 48V 350A controller, on board charger.
- Front wheel disc brake & Rear wheel Mechanical Drum Brake with foot parking.



J-MODEL 2 SEATER

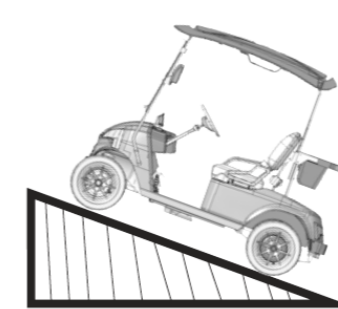
Be familiar with vehicle features before attempting any operations.



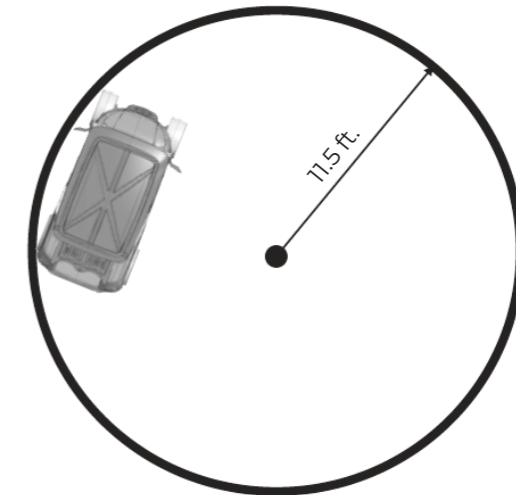
Battery	Maxon 48V105A Lithium battery	Overall Dimensions	92 in. (2340 mm) L 47 in. (1200 mm) W 69 in. (1760 mm) H
Controller	350A Controller	Max. Loading Weight	750 lbs. (340 kgs)
Motor	HSLT AC 48V4KW	Net Weight	1080 lbs. (490 kgs)
Charger	Maxon 48V20A Charger	Chassis	Steel
Accelerator	Inductance Accelerator (0-5V)	Wheel Base	66 in. (1670 mm)
DC Converter	DC48-12V/30A	Front Wheel Tread	36.5 in. (930 mm)
Suspension	McPherson coil spring	Rear Wheel Tread	39 in. (990 mm)
Steering	Rack & Pinion	Braking Distance	14.75 ft. (4.5 m)
Brakes	Front Wheel Disc brakes & Rear Wheel mechanical drum brake with foot parking	Tires and Rim	Tire: 205/40R-14 Rim: 14 in.
Passenger Capacity	2	Minimum Turning radius	11.5 ft. (3.5 m)
Load Range	34 mi. (55 km) [full load]	Minimum Ground Clearance	4 in. (100 mm)
Max Speed	19.5 mph (25 mph if LSV)	Max climbing ability	20%

STANDARD CONFIGURATION

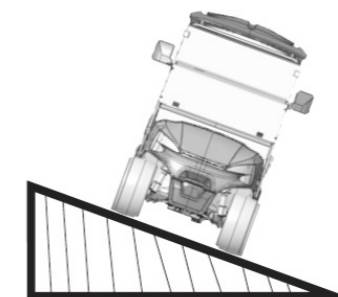
Display	7 inch display
Rocker Panel	Aluminum alloy
Body	Plastic front and rear bodys
Roof	Injection-Black
Rear End	Gear ratio 10:25
Seat	Spandex Leather covered seats, foam
Windshield	Flip windshield, optional: one-piece organic windshield



Max. climbing ability
20% Grade



Minimum Turning Radius



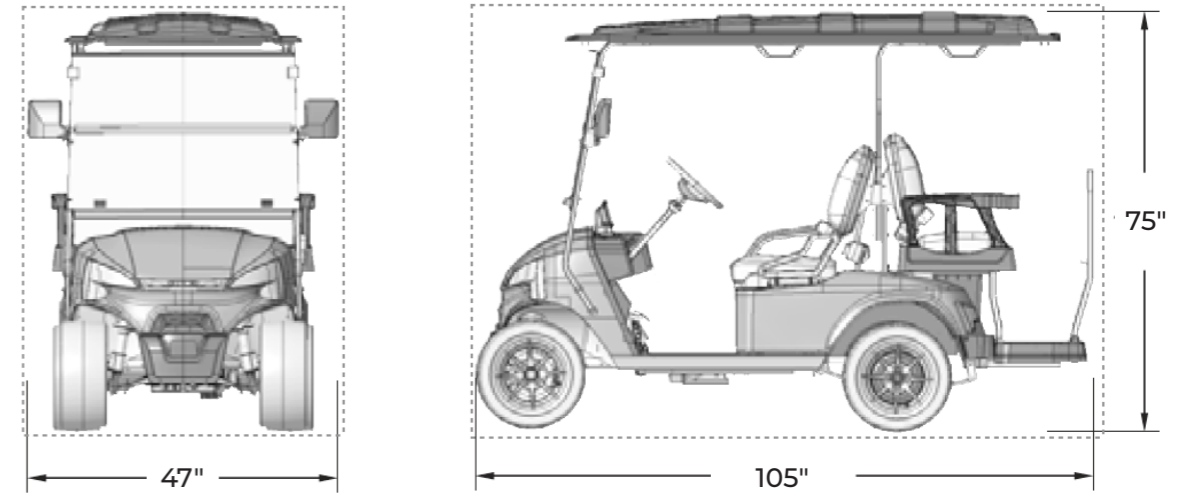
Recommended max side tilt
21.8% Grade

J-MODEL 2+2

Be familiar with vehicle features before attempting any operations.



- 4 seats golf car, plastic body.
- AC 48V/4KW motor, 48V 350A controller, on board charger.
- Front wheel disc brake & Rear wheel Mechanical Drum Brake with foot parking.

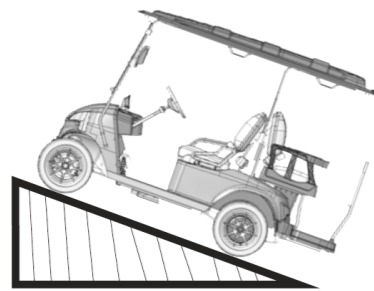


Battery	Marxon 48V105A Lithium battery	Overall Dimensions	105 in. (2665 mm) L 47 in. (1200 mm) W 75 in. (1900 mm) H
Controller	350A Controller	Max. Loading Weight	750 lbs. (340 kgs)
Motor	HSLT AC 48V4KW	Net Weight	1146 lbs. (520kgs)
Charger	Marxon 48V20A Charger	Chassic	Steel
Accelerator	Inductance Accelerator (0-5V)	Wheel Base	66 in. (1670 mm)
DC Converter	DC48-12V/30A	Front Wheel Tread	36.5 in. (930 mm)
Suspension	McPherson coil spring	Rear Wheel Tread	39 in. (990 mm)
Steering	Rack & Pinion	Braking Distance	14.75 ft. (4.5 m)
Brakes	Front Wheel Disc brakes & Rear Wheel mechanical drum brake with foot parking	Tires and Rim	Tire: 205/40R-14 Rim: 14 in.
Passenger Capacity	4	Minimum Turning radius	11.5 ft. (3.5 m)
Load Range	31 mi. (50km) [full load]	Minimum Ground Clearance	4 in. (100 mm)
Max Speed	19.5 mph (25 mph if LSV)	Max climbing ability	20%

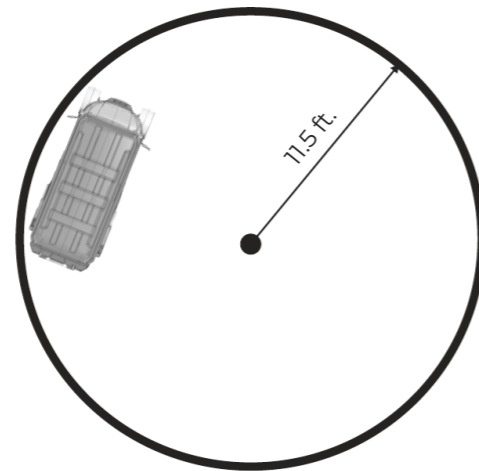
J-MODEL 2+2

STANDARD CONFIGURATION

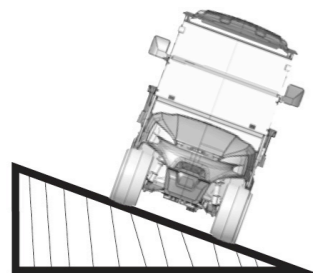
Display	7 inch display
Rocker Panel	Aluminum alloy
Body	Plastic front and rear body
Roof	Injection-Black
Rear End	Gear ratio 10:25
Seat	Spandex Leather covered seats, foam
Windshield	Flip windshield, optional: one-piece organic windshield



Max. climbing ability
20% Grade



Minimum Turning Radius



Recommended max side tilt
21.8% Grade

J-MODEL 4 SEATER

Be familiar with vehicle features before attempting any operations.

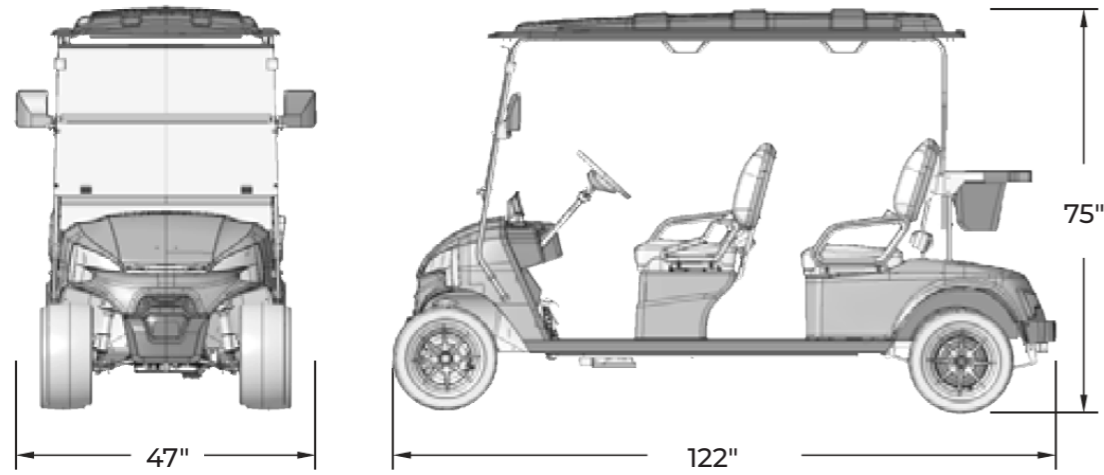


- 4 seats golf car, plastic body.
- AC 48V/4KW motor, 48V 350A controller, on board charger.
- Front wheel disc brake & Rear wheel Mechanical Drum Brake with foot parking.



J-MODEL 4 SEATER

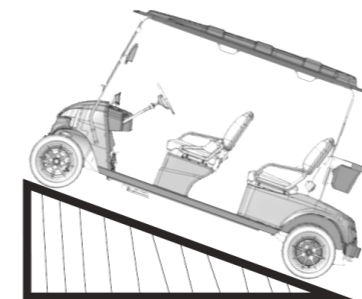
Be familiar with vehicle features before attempting any operations.



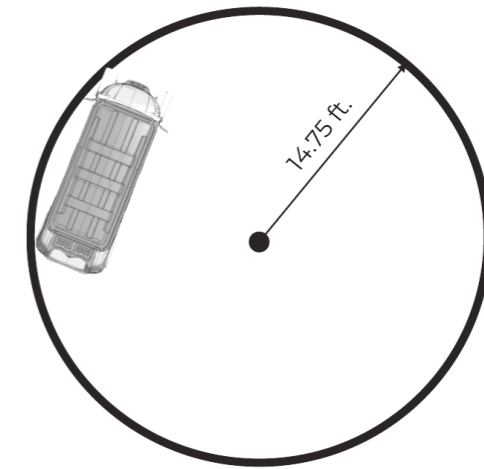
STANDARD CONFIGURATION

Display	7 inch display
Rocker Panel	Aluminum alloy
Body	Plastic front and rear bodys
Roof	Injection-Black
Rear End	Gear ratio 10:25
Seat	Spandex Leather covered seats, foam
Windshield	Flip windshield, optional: one-piece organic windshield

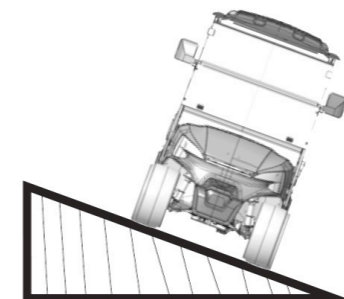
Battery	Marxon 48V105A Lithium battery	Overall Dimensions	122 in. (3090 mm) L 47 in. (1200 mm) W 75 in. (1900 mm) H
Controller	350A Controller	Max. Loading Weight	1124 lbs. (510kgs)
Motor	HSLT AC 48V4KW	Net Weight	1279 lbs. (580kgs)
Charger	Marxon 48V20A Charger	Chassic	Steel
Accelerator	Inductance Accelerator (0-5V)	Wheel Base	98 in. (2480mm)
DC Converter	DC48-12V/30A	Front Wheel Tread	36.5 in. (930 mm)
Suspension	McPherson coil spring	Rear Wheel Tread	39 in. (990 mm)
Steering	Rack & Pinion	Braking Distance	20 ft. (6m)
Brakes	Front Wheel Disc brakes & Rear Wheel mechanical drum brake with foot parking	Tires and Rim	Tire: 205/40R-14 Rim: 14"
Passenger Capacity	4	Minimum Turning radius	11.5 ft. (3.5 m)
Load Range	31 mi. (50 km) [full load]	Minimum Ground Clearance	4 in. (100 mm)
Max Speed	19.5 mph (25 mph if LSV)	Max climbing ability	20%



Max. climbing ability
20% Grade



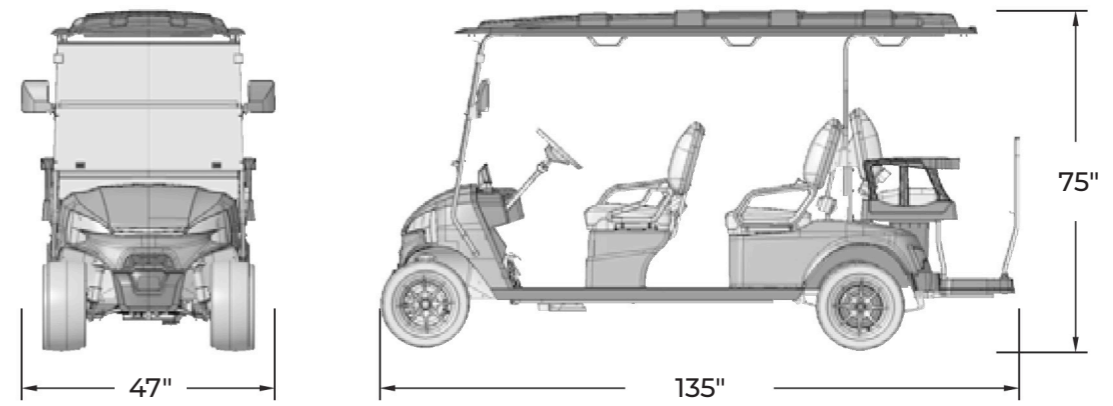
Minimum Turning Radius



Recommended max side tilt
21.8% Grade

J-MODEL 4+2

Be familiar with vehicle features before attempting any operations.



- 6 seats golf cart, plastic body.
- AC 48V/4KW motor, 48V 350A controller, on board charger.
- Front wheel disc brake & Rear wheel Mechanical Drum Brake with foot parking.

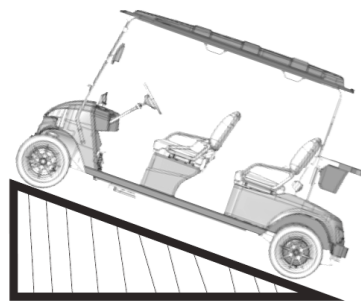
Battery	Maxxon 48V105A Lithium battery	Overall Dimensions	135 in. (3420 mm) L 47 in. (1200 mm) W 75 in. (1900 mm) H
Controller	350A Controller	Max. Loading Weight	1124 lbs. (510kgs)
Motor	HSLT AC 48V4KW	Net Weight	1345 lbs. (610kgs)
Charger	Maxxon 48V20A Charger	Chassic	Steel
Accelerator	Inductance Accelerator (0-5V)	Wheel Base	98 in. (2480mm)
DC Converter	DC48-12V/30A	Front Wheel Tread	36.5 in. (930 mm)
Suspension	McPherson coil spring	Rear Wheel Tread	39 in. (990 mm)
Steering	Rack & Pinion	Braking Distance	20 ft. (6m)
Brakes	Front Wheel Disc brakes & Rear Wheel mechanical drum brake with foot parking	Tires and Rim	Tire: 205/40R-14 Rim: 14"
Passenger Capacity	6	Minimum Turning radius	14.75 ft. (4.5m)
Load Range	31 mi. (50 km) [full load]	Minimum Ground Clearance	4 in. (100 mm)
Max Speed	19.5 mph (25 mph if LSV)	Max climbing ability	20%



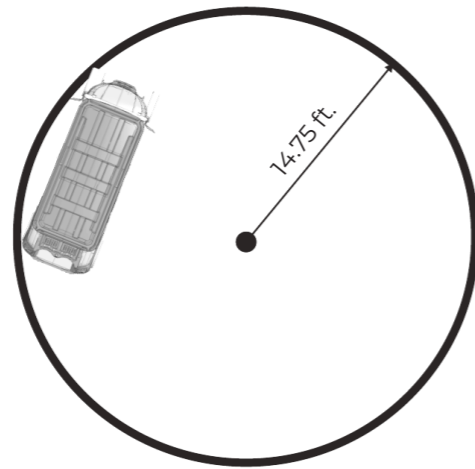
J-MODEL 4+2

STANDARD CONFIGURATION

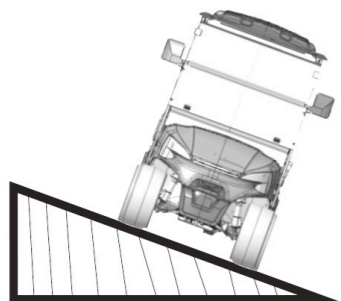
Display	7 inch display
Rocker Panel	Aluminum alloy
Body	Plastic front and rear body
Roof	Injection-Black
Rear End	Gear ratio 10:25
Seat	Spandex Leather covered seats, foam
Windshield	Flip windshield, optional: one-piece organic windshield



Max. climbing ability
20% Grade

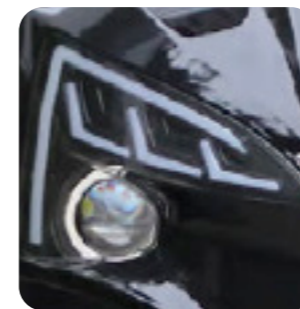


Minimum Turning Radius

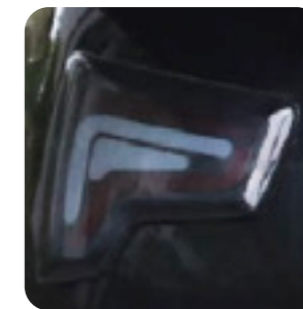


Recommended max side tilt
21.8% Grade

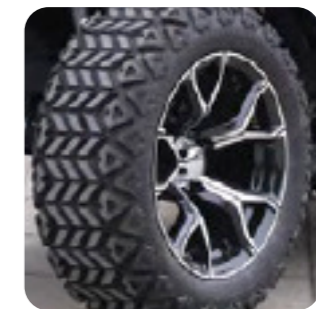
J-MODEL 2+2 LIFTED



• 4 seats lifted golf cart, plastic body.



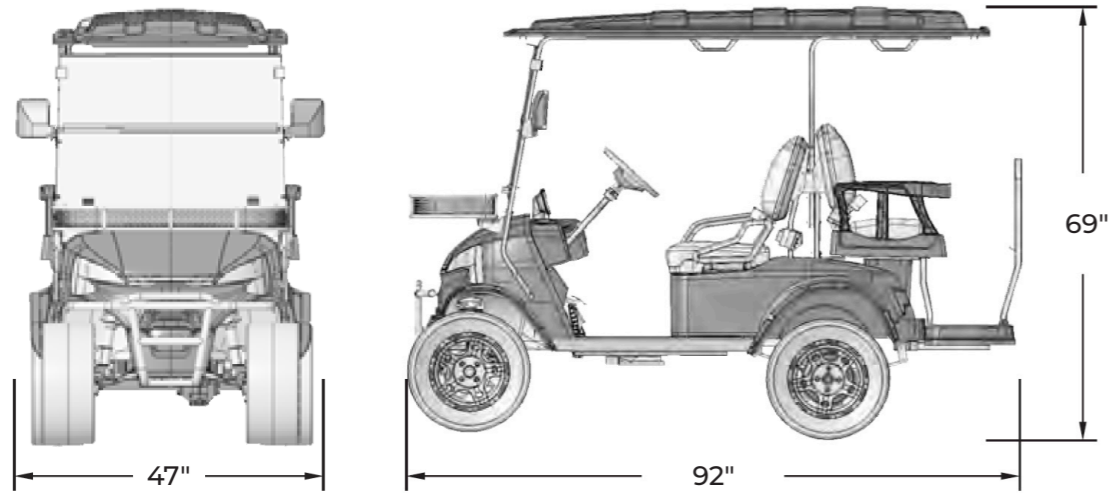
• AC 48V/4KW motor, 48V 4a50A controller, on board charger.



• Front wheel disc brake & Rear wheel Mechanical Drum Brake with foot parking.

J-MODEL 2+2 LIFTED

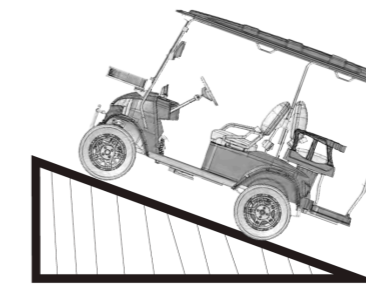
Be familiar with vehicle features before attempting any operations.



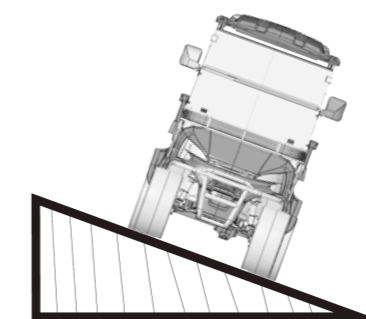
STANDARD CONFIGURATION

Display	7 inch display
Rocker Panel	Aluminum alloy
Body	Plastic front and rear body
Roof	Injection-Black
Rear End	Gear ratio 14:1
Seat	Spandex Leather covered seats, foam
Windshield	Flip windshield, optional: one-piece organic windshield
Clay Basket	With

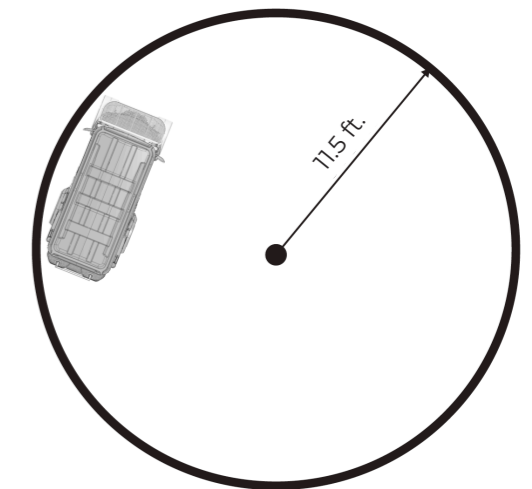
Battery	Marxon 48V105A Lithium battery	Overall Dimensions	115 in. (2910 mm) L 51 in. (1300 mm) W 79 in. (2000 mm) H
Controller	350A Controller	Max. Loading Weight	750 lbs.(340kgs)
Motor	HSLT AC 48V4KW	Net Weight	1190 lbs. (540kgs)
Charger	Marxon 48V20A Charger	Chassis	Steel
Accelerator	Inductance Accelerator (0-5V)	Wheel Base	66 in. (1680mm)
DC Converter	DC48-12V/30A	Front Wheel Tread	39 in. (990mm)
Suspension	McPherson coil spring	Rear Wheel Tread	41 in. (1030mm)
Steering	Rack & Pinion	Braking Distance	16 ft. (5m)
Brakes	Front Wheel Disc brakes & Rear Wheel mechanical drum brake with foot parking	Tires and Rim	Tire: 205/40R-14 Rim: 14"
Passenger Capacity	4	Minimum Turning radius	3.5m
Load Range	31 mi. (50 km) [full load]	Minimum Ground Clearance	6 in. (150mm)
Max Speed	19.5 mph (25 mph if LSV)	Max climbing ability	20%



Max. climbing ability
20% Grade



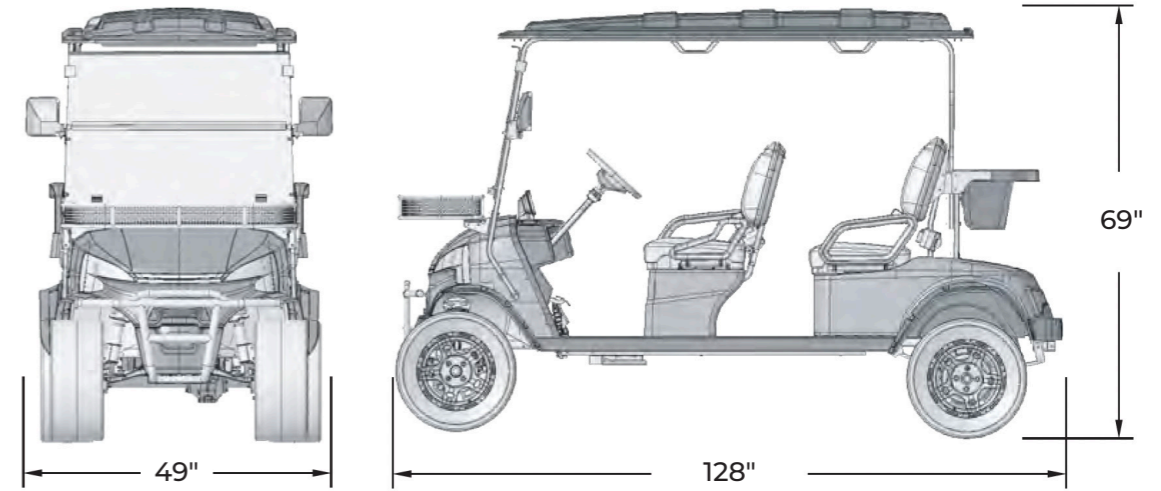
Recommended max side tilt
21.8% Grade



Minimum Turning Radius

J-MODEL 4 SEATER LIFTED

Be familiar with vehicle features before attempting any operations.



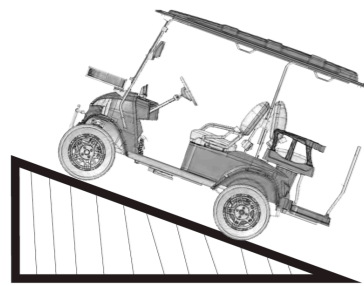
- 4 seats lifted golf cart, plastic body.
- AC 48V/4KW motor, 48V 4a50A controller, on board charger.
- Front wheel disc brake & Rear wheel Mechanical Drum Brake with foot parking.

Battery	Maxxon 48V105A Lithium battery	Overall Dimensions	128 in. (3250 mm) L 49 in. (1245 mm) W 79 in. (2000 mm) H
Controller	450A Controller	Max. Loading Weight	1124 lbs. (510kgs)
Motor	HSLT AC 48V5KW	Net Weight	1279 lbs. (580kgs)
Charger	Maxxon 48V20A Charger	Chassic	Steel
Accelerator	Inductance Accelerator (0-5V)	Wheel Base	98 in. (2480mm)
DC Converter	DC48-12V/30A	Front Wheel Tread	39 in. (990mm)
Suspension	McPherson coil spring	Rear Wheel Tread	41 in. (1030mm)
Steering	Rack & Pinion	Braking Distance	16 ft. (5m)
Brakes	Front Wheel Disc brakes & Rear Wheel mechanical drum brake with foot parking	Tires and Rim	Tire: 205/40R-14 Rim: 14"
Passenger Capacity	4	Minimum Turning radius	20 ft. (6m)
Load Range	31 mi. (50 km) [full load]	Minimum Ground Clearance	6 in. (150mm)
Max Speed	19.5 mph (25 mph if LSV)	Max climbing ability	20%

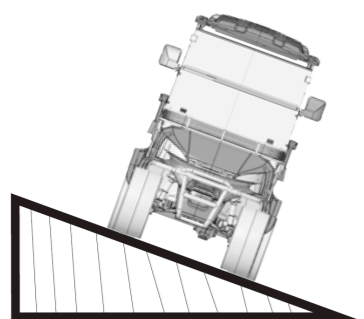
J-MODEL 4 SEATER LIFTED

STANDARD CONFIGURATION

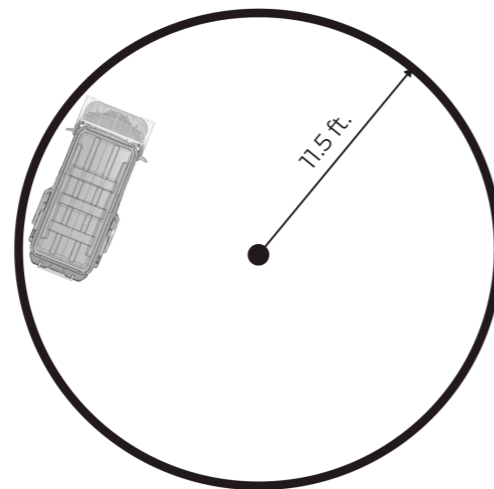
Display	7 inch display
Rocker Panel	Aluminum alloy
Body	Plastic front and rear body
Roof	Injection-Black
Rear End	Gear ratio 14:1
Seat	Spandex Leather covered seats, foam
Windshield	Flip windshield, optional: one-piece organic windshield
Clay Basket	With



Max. climbing ability
20% Grade



Recommended max side tilt
21.8% Grade



Minimum Turning Radius

J-MODEL 4+2 LIFTED

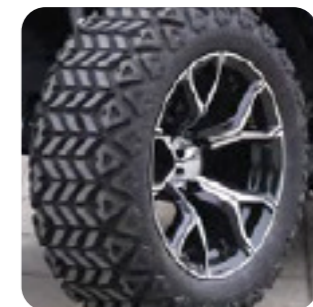
Be familiar with vehicle features before attempting any operations.



• 4 seats lifted golf cart, plastic body.



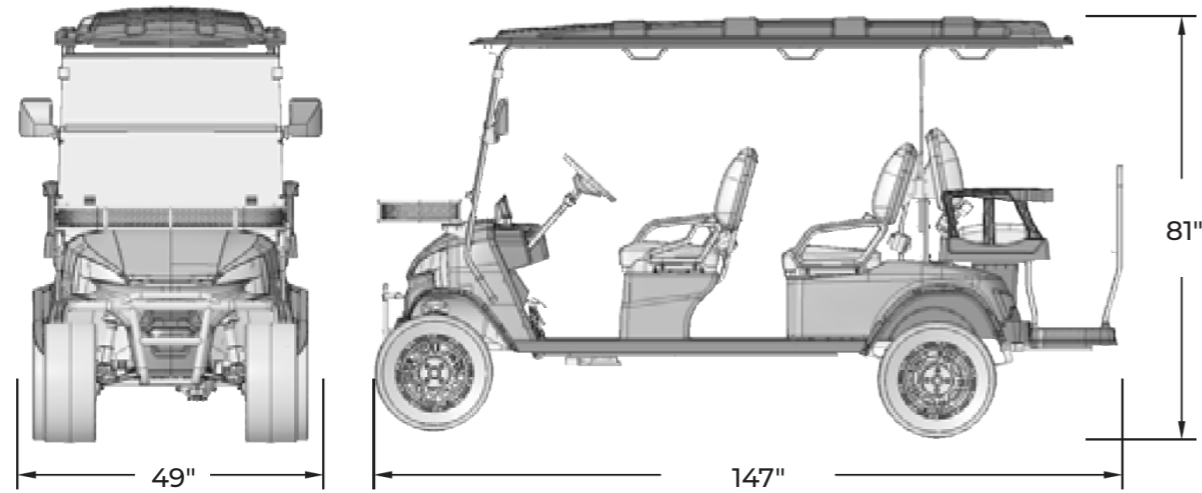
• AC 48V/4KW motor, 48V 4a50A controller, on board charger.



• Front wheel disc brake & Rear wheel Mechanical Drum Brake with foot parking.

J-MODEL 4+2 LIFTED

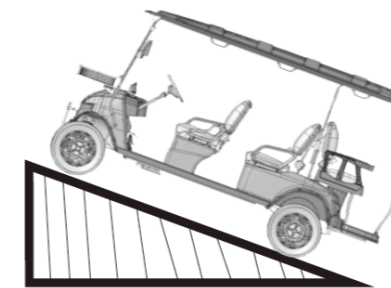
Be familiar with vehicle features before attempting any operations.



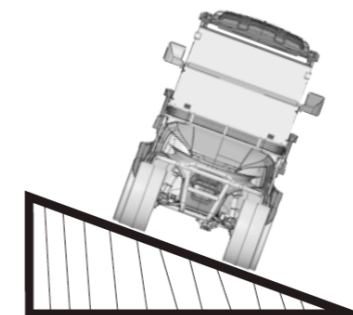
Battery	Marxon 48V105A Lithium battery	Overall Dimensions	147 in. (3725mm) L 49 in. (1245mm) W 81 in. (2050mm) H
Controller	MCX 450A Controller	Max. Loading Weight	1124 lbs. (510kgs)
Motor	HSLT AC 48V/5KW	Net Weight	1345 lbs. (610kgs)
Charger	Marxon 48V20A Charger	Chassic	Steel
Accelerator	Inductance Accelerator (0-5V)	Wheel Base	98 in. (2480mm)
DC Converter	DC48-12V/30A	Front Wheel Tread	37 in. (930mm)
Suspension	McPherson coil spring	Rear Wheel Tread	39 in. (990mm)
Steering	Rack & Pinion	Braking Distance	16 ft. (5m)
Brakes	Front Wheel Disc brakes & Rear Wheel mechanical drum brake with foot parking	Tires and Rim	Tire: 205/40R-14 Rim: 14"
Passenger Capacity	6	Minimum Turning radius	20 ft. (6m)
Load Range	31 mi. (50 km) [full load]	Minimum Ground Clearance	17 in. (440mm)
Max Speed	19.5 mph (25 mph if LSV)	Max climbing ability	20%

STANDARD CONFIGURATION

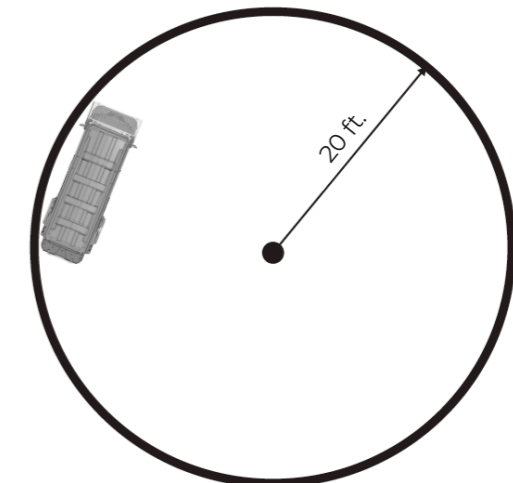
Display	7 inch display
Rocker Panel	Aluminum alloy
Body	Plasic front and rear bodyys
Roof	Injection-Black
Rear End	Gear ratio 14:1
Seat	Spandex Leather covered seats, foam
Windshield	Flip windshield, optional: one-piece organic windshield
Clay Basket	With



Max. climbing ability
20% Grade



Recommended max side tilt
21.8% Grade



Minimum Turning Radius

OPERATIONS AND CONTROLS

Be familiar with vehicle features before attempting any operations.

DANGER

- Operating the vehicle while occupants are not fully seated can cause serious personal injury or death. Start the vehicle only when all occupants are fully seated.
- Falling objects can cause property damage, serious personal injury, or death.
- Do not operate the vehicle where there is a risk of falling objects.
- Do not let a passenger hold a child on their lap while the vehicle is in operation.
- Do not let passengers ride in the vehicle while being towed.

WARNING

- Keep away from drop-offs, steep slopes, and unstable surfaces.
- Sudden starts, stops, and turns can cause property damage and serious personal injury.
- Prevent sudden starts, stops and turns.
- Failure to correctly maintain the vehicle and make necessary repairs can decrease vehicle performance, cause a fire, property damage, serious personal injury, or death. If problems are found during scheduled inspection or service, operate the vehicle only when repairs are made.
- Make sure that all passengers can secure themselves in the vehicle before vehicle operation. To prevent serious personal injury, keep entire body in the vehicle during operation.
- The vehicle is not specially equipped for handicapped persons.
- Before vehicle operation, make sure that all persons comply with the warnings and operating instructions. Incorrect operation of the vehicle can cause decreased vehicle performance, property damage, serious personal injury, or death.
- To prevent falls from the vehicle, passengers must stay seated and always hold on to hand holds or handrails when the vehicle is in operation.
- The driver must keep both hands on the steering wheel when the vehicle is in operation.
- A sharp turn at high speeds can cause a roll-over, fall, property damage, and serious personal injury. Operate the vehicle slowly in turns.
- Unintended vehicle operation can cause serious personal injury or death.
- Before leaving the vehicle or during vehicle maintenance, disable the vehicle.
- The vehicle is not designed to meet child safety seat compatibility requirements.
- Children requiring a child safety seat must not ride on the vehicle.
- Comply with state and local laws pertaining to child safety.

CAUTION

- Operate the vehicle only from the drivers seat.
- Operate the vehicle only in specified areas.
- Only an authorized licensed driver can operate the vehicle.
- Only operate the vehicle in compliance with local and state laws.
- Use caution when operating the vehicle in the presence of higher-speed vehicles, in congested areas, or on unimproved surfaces.

PRE-OPERATION SAFETY AND PERFORMANCE INSPECTION

Use the pre-operation checklist to inspect the operational conditions and performance of the vehicle. If bad operational conditions are found on a vehicle, stop operations. Removal from operation can prevent further damages to the vehicle or serious injuries. If the vehicle is not in an operable condition, inquire your dealer for maintenance or repairs.

INSPECTION ITEMS	INSPECTION PROCEDURES
BATTERY	Before initiate using vehicle, the batteries should be fully charged, replace the bad/broken/damaged parts during inspection.
BRAKES	Check the brake pedal, when stepped it should be flexible and feels firm. And it returns to its original position with flexibility when released.
ACCELERATOR PEDALS	Check the accelerator pedal ,when stepped and released it should return to its original position with full flexibility.
TIRES	Check the tires' pressure, pressure is around 20psi. Check tires surface, remove any embedded objects you can find. Be sure no cracks or other damages to the tires ,defective tires may cause accident while driving.
STEERING	Pull the steering wheel up and down ,check the tightness of steering wheel . Rotate the steering wheel right and left. Be sure no excessive free play and rattling sound.
REVERSE WARNING BEEPER	Check the reverse beeper, when the direction selecting switch be set at "REV", it should beep soundly.
LIGHTS	Check the signal lights, the brake lights and turning lights should be in proper working condition.

7 INCH SPEEDOMETER

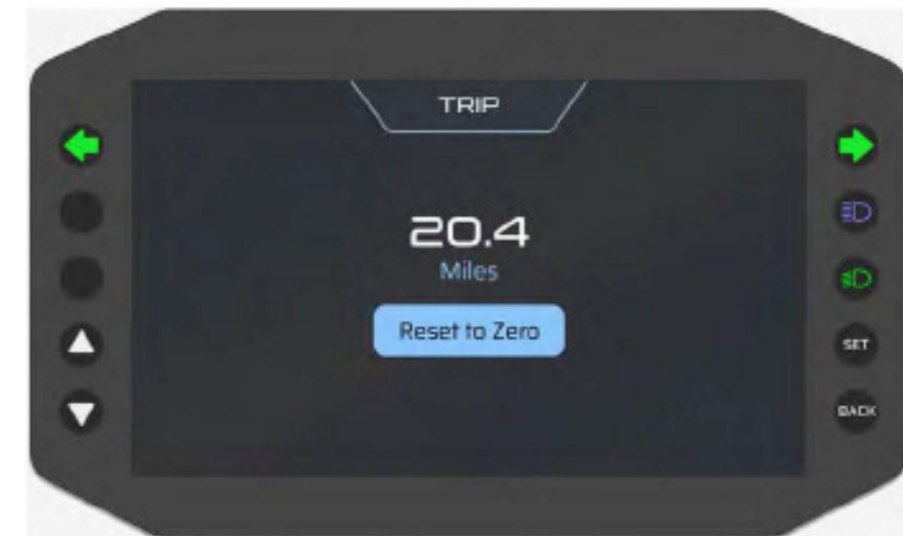
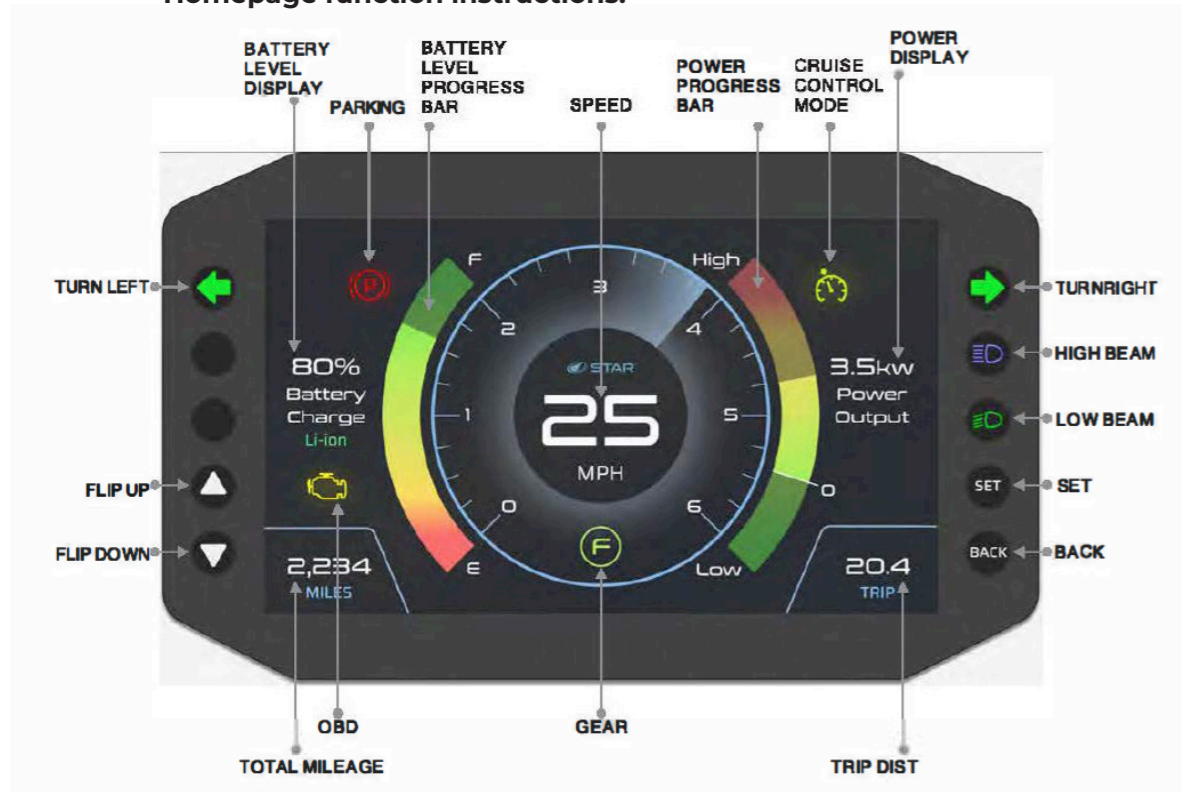
Power on screen:



Set>Trip Meter:



Homepage function instructions:



Be familiar with vehicle features before attempting any operations.

Set>Change Units:



Set>Vehicle Information>Reverse Camera:



Reverse Camera:

Set>Error Code:



Be familiar with vehicle features before attempting any operations.

STAR EV J-MODEL 2/2+2/4/4+2

- Loudspeaker
- Safety belt
- Side mirrors
- Dust cover
- 7 inch instrument panel
- 10 inch instrument panel

STAR EV J-MODEL LIFTED 2/2+2/4/4+2

- Wiper
- LED lights
- Safety Belts
- Side Mirrors
- 7 inch instrument panel
- 10 inch instrument panel

BATTERY CHARGER

Be familiar with vehicle features before attempting any operations.

⚠ WARNING

INCORRECT CONNECTION OF THE AC CORD CAN CAUSE A FIRE OR AN ELECTRICAL SHOCK. DO NOT USE AN ADAPTER TO CONNECT THE AC CORD INTO A TWO-PRONG POWER SOURCE. CONNECT THE AC CORD TO AN APPROVED POWER SOURCE. CONNECTION OF THE AC CORD TO AN INCORRECT RECEPTACLE CAN CAUSE A FIRE, ELECTRICAL SHOCK, PROPERTY DAMAGE, SERIOUS PERSONAL INJURY, OR DEATH. CONNECT THE AC CORD TO AN APPROVED POWER SOURCE AND RECEPTACLE. DO NOT LET THE BATTERY CHARGER BECOME WET. KEEP THE BATTERY CHARGER DRY.

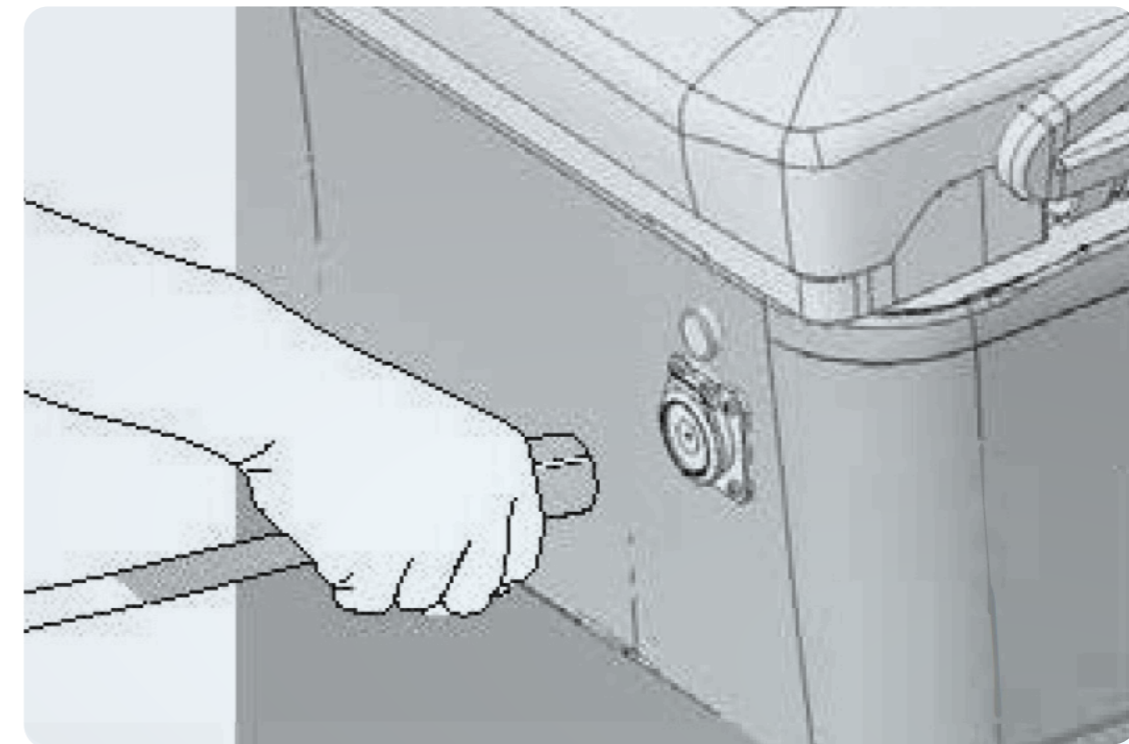
Battery Pack Rated Voltage	48V
Rated Charger Output	48V
AC Input Voltage Range	100-240VAC, 50-60Hz
AC Input Current Value	11.5A@120VAC, 6.1A@220VAC
Power Factor	0.99
Charger Efficiency	95%
Noise	45dB
IP Class	IP67
Weight	9.3 LB / 4.2 kg
Operating Temperature	10°C to 35°C (50°F to 95°F)
Storage Temperature	-20°C to 45°C (-4°F to 113°F)

HOW TO USE THE CHARGER

⚠ WARNING

TO DECREASE THE POSSIBILITY OF ELECTRICAL SHOCK OR ELECTROCUTION, MAKE SURE THE CHARGER PLUG IS NOT DAMAGED. THE POWER AC CORD HAS A PLUG WITH GROUND POST. DO NOT MOVE CUT OR BEND THE GROUND POST.

1. Inspect the charger cord to check if there is any damage on the power AC cord and cable. Replace the AC power cord if damaged.
2. Plug the AC charge handle into the vehicle receptacle completely.
3. Plug the Power AC cord into the ground power completely.
4. The charger will automatically start in several seconds after plugging in the AC power cord.
5. The charger will automatically stop when the batteries are fully charged.
6. Remove the AC charge cord before operating the vehicle.



BATTERY CHARGER

⚠ WARNING

CHARGER MAINTENANCE

IF THE PLUG PINS ARE BENT, SPEAK WITH YOUR LOCAL DEALER OR DISTRIBUTOR FOR REPLACING. DO NOT TRY TO REPAIR THE AC CORD PLUG OR PINS.

ELECTRICAL CORDS AND PLUGS

Examine electrical cords for wear and damage before use. Immediately replace electrical cords for:

- Cracks
- Cuts
- Frayed wiring
- Insulation damage
- Loose connections
- Splices

Examine electrical plugs for wear and damage before use. Immediately replace electrical plugs for:

- Bent pins
- Corrosion
- Cracks
- Loose connections
- Missing pins

ELECTRICAL PLUGS AND RECEPTACLES

Clean the electrical plugs and receptacles.

1. Disconnect the AC cord from the power source.
2. Disconnect the AC cord from the battery charger.
3. Disconnect the DC cord from the vehicle charger receptacle.
4. Apply electrical contact cleaner to the electrical plugs and receptacles. Refer to the manufacturer instructions.
5. Clean the electrical plugs and receptacles.

WHEELS & TIRES

Be familiar with vehicle features before attempting any operations.

⚠ WARNING

- DO NOT OVER INFLATE THE TIRES. EXCESS PRESSURE CAN CAUSE THE TIRE TO EXPLODE.
- TO DECREASE THE RISK OF TIRE EXPLOSION, ADD SMALL AMOUNTS OF AIR TO THE TIRE AT INTERVALS TO SEAT THE TIRE BEADS. OVER INFLATION OF SMALL TIRES CAN OCCUR IN A FEW SECONDS.
- PROTECT FACE AND EYES WHEN REMOVING THE TIRE VALVE CORE.
- USE ONLY SOCKETS MADE FOR IMPACT WRENCHES TO DECREASE THE RISK OF INJURY CAUSED BY A BROKEN SOCKET.
- DO NOT USE TIRES THAT HAVE INFLATION PRESSURE LESS THAN THE TIRE PRESSURE RECOMMENDED.

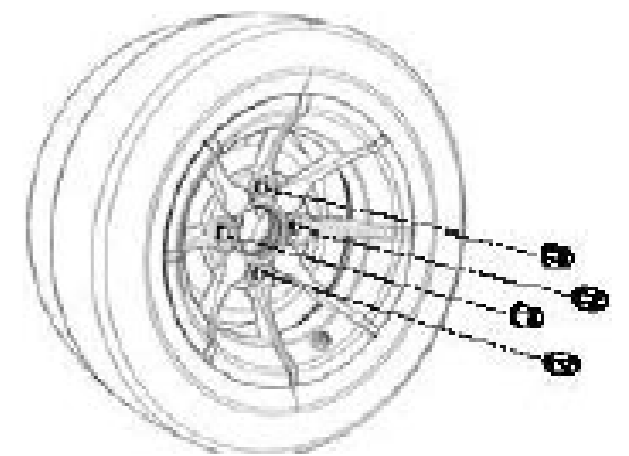
Always follow the cross-sequence pattern when you install the lug nuts to make sure the wheel is evenly seated against the hub.

NOTICE

Tools List

Lug Wrench , M12.....	1
Impact Wrench.....	1
Impact Socket, M12.....	1
Torque Wrench.....	1

- The general recommended tire Inflation pressure is 20psi, but the tire Inflation pressure can be changed according to the specific terrain condition.
- All four tires must have the same pressure for the best control qualities
- Always put the valve stem cap back after checking or inflating the tires.
- Use a tire plug to repair small holes in the tread part of the tires. For large holes or cuts, replace the whole tire.



JOBS TO BE DONE PRIOR TO STORAGE

- Put golf cart under a shelter, keep the golf cart in a dry and ventilated space. Optimal temperature 14°F to 95°F (-10°C to 35°C) . Maximum storage temperature should not be higher than 122°F (50°C).
- Turn the key switch to the OFF position, remove the key and leave the forward/reverse switch in the NEUTRAL position during storage.
- Power down all accessories.
- Clean the battery packs, tops and terminals using a battery acid neutralizer (1 cup baking soda per 1 gallon water). Check, clean and treat battery terminal connections with a battery terminal protector spray.
- Disconnect batteries per ensuring that the cables do not come into contact with a terminal (Disconnect the 48V Main power outlet cables from battery pack, Insulate the cables).
- Connect Battery cables back to system, charge the battery to full state every 1-3 months to keep the battery alive without damages caused by over-discharging.
- Perform all semi-annual lubrications.
- Thoroughly clean the front and rear body, seats, battery compartment and underside of the vehicle.
- Engage the parking brakes, and secure the golf cart from rolling. Check the wheels with wheel stopper or something similar.
- Check tire pressure and inflate the tires to standard pressure level and values presented on tire.
- Thoroughly clean the front and rear body, seats, battery compartment and underside of the vehicle.

BRING THE VEHICLE BACK TO SERVICE FROM STORAGE

1. Fully charge the battery.
2. Set the Forward /Reverse control (DNR) to N.
3. Adjust the pressure in each tire to the recommended tire pressure.
4. Have a trained technician lubricate the vehicle.
5. Do a daily pre-operation safety checklist.
6. Do a vehicle performance inspection.



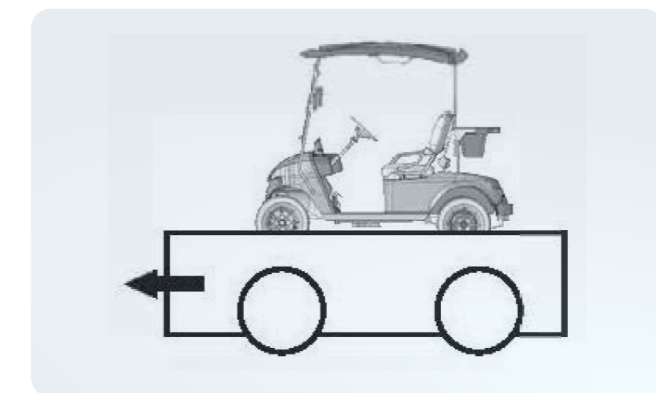
VEHICLE TRANSPORTATION AND TOWING

⚠ WARNING

- DO NOT RIDE ON OR ALLOW OTHER PEOPLE ON A VEHICLE BEING TRANSPORTED ON A TRAILER OR BEING TOWED WITH ANOTHER VEHICLE.
- DO NOT CARRY PASSENGERS ON GOLF CART WHILE TOWING THE VEHICLE. APPLY BRAKE TO LIMIT SPEED WHEN TOW THE GOLF CART ON UNEVEN TERRAIN. TURN ON THE HAZARD LIGHTS IF VEHICLE WAS CONFIGURED WITH.
- APPLY BRAKE TO LIMIT SPEED WHEN TAKING SHARP TURNS.
- SECURE THE SEATS/WHINSHIELD /OTHER LOOSE ITEMS BEFORE TOWING GOLF CART.
- DO NOT TOW MULTIPLE GOLF CARTS IN SERIES FORMATION.
- DO NOT TOW THE GOLF CART ON HIGHWAY ROADS.
- STOP TOWING WHEN ABNORMAL PHENOMENONS ARE DETECTED.

THE FOLLOWING STEPS CAN HELP YOU TO TOW AN STAR EV GOLF CART SAFELY WITHOUT ANY DAMAGE.

- Turn off key switch.
- Keep the Forward/Reverse switch in a neutral position.
- If you need to tow the golf cart for a long distance, remove the battery connections from battery pack terminals. This is done to ensure that the rear axle/Motor/Controller/Batteries do not get damaged during the towing process.
- Move the golf cart at a slower speed (Optimally Between 5-15 MPH) or the same speed that you would generally move it if it has power. Exceeding the speed limit can over-spin the motor and ruin it.
- Pulling your golf cart faster than designed to go can over-spin the motor, possibly slinging the internal parts into pieces and ruining the motor.



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