

CRICKET® SR1 Electric Sport Vehicle

CRICKET SR1 Electric Sport Vehicle Owner's Manual, Safety, Guide, and Warranty Information

Thank you for the purchase of your new CRICKET SR1 electric sport vehicle. This owner's manual is designed to furnish you with a basic understanding of the features and operation of this vehicle. Important safety information and information about special techniques and skills needed to operate and ride your CRICKET SR1 are included, as well as basic maintenance, inspection procedures, and warranty information.

CRICKET®

SR1

ELECTRIC SPORT VEHICLE

Cricket Carts
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Please consult Cricket Carts at 321-752-4041 or via email at sales@melbournecricket.com if you have any questions regarding the operation and maintenance of your CRICKET.

For your Safety and the Safety of all passengers:

- Please read the original CRICKET SR1 owner's manual and any addendums carefully and completely before operating your CRICKET. Ensure you understand all instructions.
- Take special notice of all warnings and caution notices herein.
- Operate your CRICKET vehicle only after proper training and/or instruction.
- No one under 16 years of age should ever operate a CRICKET electric sport vehicle

NOTE: Whenever there is any doubt whatsoever about anything involved with the operation, maintenance, and safe operation of your CRICKET electric sport vehicle, always call free technical support at 321-752-4041, or email us at sales@melbournecricket.com. You can also visit us online at www.cricketcarts.com where you will find support documentation, information videos, and our online store for accessories and parts.

www.cricketcarts.com

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CRICKET SR1 Product Specifications

- Model: CRICKET SR1 Electric Sport Vehicle - Double seat, steering wheel, four-wheel, DC powered.
- Power: Single magnet DC 800-watt motor
- Transmission: Direct Drive through 24:1 reduction gearbox
- Speed Control: Standard accelerator pedal on right side of floorboard
- Directional Control: Forward/Reverse switch located on center control column
- Maximum Speed: Controlled from 0 to 12 mph with consideration for traffic, terrain, and other external factors.
- Hill-climbing ability: 1:3 gradient
- Battery Charging: Permanent on-board three-bank charging unit (6 amp banks) underneath main seat or single unit 36v charging system
- Frame: MIG-welded high-tensile steel with corrosion protection
- Body: Molded in polymer-reinforced plastic.
- Brakes: Single regenerative electromagnetic braking
- Batteries 3 heavy-duty glass-mat U1, 12-volt 35-amp/hour in series (36-volt system)
- Tires: 13" × 6.50 × 6" Tubeless - Recommended air pressure at 20 psi
- Turning Radius: 102"
- Overall Length: 60"
- Adjusted Overall Length (when collapsed for storage and transportation): 52"
- Overall Width: 32"
- Overall Height (with seat-back, upper steering column): 28"
- Load Capacity: 600 lbs.
- Vehicle Curb Weight: 350 lbs

NOTICE: CRICKET SR1 specifications, safety, and performancy features are subject to change as we continue to improve the vehicle

General Information

This guide is provided to assist the owner or operator of this CRICKET SR1 in the safe operation and maintenance of the vehicle.

General Safety Information

This guide is provided to assist the owner or operator of this Cricket Carts product in the maintenance and safe operation of the vehicle. The warnings in this manual are not a replacement for good common sense and safe driving practices. Your CRICKET SR1 is designed and manufactured for off-road use. It does not conform to Federal Motor Vehicle Safety Standards and is not equipped for operation on public streets or roads. Operators of the CRICKET SR1 should have a valid motor vehicle driver's license. No one under 16 years of age should be allowed to operate a CRICKET SR1.

Operating Safety

1. Always use your CRICKET in a responsible manner and maintain the vehicle in safe operating condition.
2. Always read and observe all warnings and operation instruction labels affixed to the CRICKET vehicle.
3. Always follow all safety rules established in the area where you are operating the CRICKET vehicle.
4. Always use extreme caution when making sharp or blind turns.
5. Always release throttle gradually with your foot to control the speed and stability of the CRICKET vehicle on steep grades.
6. Do not tow the CRICKET vehicle, as it will damage critical and expensive components on the cart that will not be covered by warranty.
7. Always use extreme caution when traveling:
 - A. In wet areas
 - B. In blind spots
 - C. Along loose terrain
 - D. On uneven roads
 - E. In traffic with other vehicles
 - F. Near pedestrian areas

Notes, Cautions, and Warnings

The following notations indicate important information. Failure to follow warnings contained in this owner's manual could result in serious injury or death. Conditions should be observed. This provides key information that makes procedures easier and clearer:

CAUTION: CONDITIONS THAT MAY RESULT IN DAMAGE TO THE VEHICLE.

WARNING: HAZARDOUS CONDITIONS THAT COULD RESULT IN SEVERE INJURY OR DEATH TO THE MACHINE OPERATOR, BYSTANDER, OR A PERSON INSPECTING AND/OR REPAIRING THE VEHICLE.

General Safety Practices

WARNING Steep Grade: In areas where steep grades exist, vehicle operations should be restricted to designated vehicle pathways where and whenever possible. Such potential hazards should be identified with a suitable warning, giving the following information:

"WARNING: STEEP GRADE - ascend or descend slowly and proceed with due caution."

WARNING Wet Areas: Wet grassy areas may cause a vehicle to lose traction and may affect stability. Wet areas should be chained or roped off to prevent access and potential accidents with injury. In areas unmarked or unobstructed, attempt to avoid known wet areas. Do not submerge your CRICKET, as this can cause permanent damage to the vehicle.

WARNING Sharp Turns, Blind Corners, Bridge Approaches: Sharp turns, blind spots, bridge approaches and other potentially hazardous areas shall be either chained or roped off to prevent vehicle operation, or identified by suitable warnings to the operator of the nature of the hazard and stating the proper precautions to be taken to avoid the hazard. Operators should approach with a slower than usual speed and maintain full control of the cart while navigating through or around these hazards.

WARNING Loose Terrain: Loose terrain may cause a vehicle to lose traction and may affect stability. Areas of loose terrain should be repaired if possible, or chained or roped off to prevent access and potential accidents with injury. Operators should approach with a slower than usual speed and maintain full control of the cart while navigating through or around these hazards.

WARNING Pedestrian Areas: Areas where pedestrians and vehicles interfere should be avoided whenever possible by rerouting the vehicle or pedestrian traffic to eliminate the interference. If elimination of the interference is not possible or is highly impractical, signs should be erected warning pedestrian traffic. Operators should travel with a slower than usual speed and maintain full control of the cart while navigating through or around pedestrian areas.

CAUTION Ventilation: Never charge your CRICKET vehicle in an area that is subject to flame or spark. Pay particular attention to natural gas or propane water heaters and furnaces.

Safety

On steep hills, it is possible for vehicles to coast at greater than normal speeds encountered on a flat surface. To prevent loss of vehicle control and possible serious injury, speeds should be limited to no more than the maximum speed on level ground. Limit speed by turning down the speed control knob and by reducing or eliminating pressure on the accelerator pedal, which engages the automatic brake function. Catastrophic damage to the drive train components due to excessive speed may result from driving the vehicle above specified speed. Damage caused by excessive speed may cause a loss of vehicle control and is costly. This is considered abuse and will not be covered under warranty. If the vehicle is to be used in a commercial environment, signs should be used to warn of situations that could result in an unsafe coasting condition. Keep this manual as part of the permanent service record in case the vehicle should be resold. Your Cricket vehicle is intended for off-road use only. The owner should check local and other applicable laws and regulations before operating.

WARNING SEVERE INJURY OF DEATH can result if you do not follow these instructions:

Read this entire manual carefully and follow the operating procedures described:

- Operate a CRICKET SR1 only if you have had proper training and instruction.
- No one under 16 years of age should operate a CRICKET or be left without adult supervision.
- Be wary of the safety of passengers and pedestrians.
- Do not operate a CRICKET vehicle on a highway
- Do not consume alcohol or drugs before or while operating this machine.
- Never operate at speeds too fast for your skills or the outdoor conditions. Always operate at a speed that is suitable for the terrain, visibility and operating conditions, and your experience.
- Never attempt wheelies, jumps, or other stunts.
- Inspect your vehicle every time it is used to make sure it is in safe operating condition. Follow the inspection and maintenance procedures and schedules described in this manual.
- Always keep both hands on the steering wheel during operation.
- Always drive at slower speeds and be cautious when operating on unfamiliar terrain. Be alert to changing terrain conditions when operating a CRICKET vehicle.

On steep hills it is possible for vehicles to coast at greater than normal speeds encountered on a flat surface. To prevent loss of vehicle control and possible serious injury, speeds should be limited to no more than the maximum speed on level ground.

- Do not operate your vehicle on excessively rough, slippery or loose terrain until you have learned and practiced the skills necessary to control the vehicle on such terrain. Be especially cautious of these kinds of terrain.
- Always follow proper procedures for turning as described in this manual. Practice turning at low speeds before attempting to turn at faster speeds. Do not turn at excessive speed.
- Do not operate the vehicle on hills too steep for the vehicle or for your ability. Practice on smaller hills before attempting larger ones.
- Always follow safe procedures for climbing hills. Check the terrain carefully before you start up any hill. Never climb hills with excessively slippery or loose surfaces. Shift your weight forward. Never press down on the accelerator suddenly. Never go over the top of a hill at high speed.
- Always follow safe procedures for going down hills and for braking on hills. Check the terrain carefully before you start down any hill. Shift your weight backward. Never go down a hill at high speed. Avoid going down a hill at an angle that could cause the vehicle to lean sharply to one side. Go straight down the hill wherever possible.
- Always follow proper procedures for crossing the side of a hill as described in this manual. Avoid hills with excessively slippery or loose surfaces. Shift your weight to the uphill side of the vehicle. Never attempt to turn the vehicle around on any hill. Avoid crossing the side of a steep hill if possible.
- Use proper procedures if you stall or roll backwards when climbing a hill. To avoid stalling, use proper gear and maintain a steady speed when climbing a hill. If you stall or roll backwards, follow the special procedure for braking. Dismount on the uphill side or to a side if pointed straight uphill. Turn the vehicle around and remount.
- Always check for obstacles before operating in a new area.
- Never attempt to operate over large obstacles, such as large rocks or fallen trees.
- Be careful when skidding or sliding. Learn to safely control skidding or sliding by practicing at low speeds and on level, smooth terrain. On extremely slippery surfaces, such as ice, go slowly and be very cautious in order to reduce the chance of skidding or sliding out of control.
- Never operate a CRICKET in fast-flowing water or excessively deep waters. Contact with water may affect the batteries and may reduce stopping ability. Test your stopping ability after leaving water by removing pressure from accelerator pedal rapidly several times in a row.
- Always use the size and type tires specified in this manual.
- Always maintain proper tire pressure as described in this manual. (15-20 PSI)
- Never modify a CRICKET vehicle through improper installation or use of accessories.
- Never exceed the stated load capacity for a vehicle. Cargo should be properly distributed and securely attached. Reduce speed and follow sound procedures for carrying cargo or pulling a trailer. Allow greater distance for braking.

CRICKET Installation and Setup Instructions

1. Unpack the CRICKET Vehicle
 - A. Remove all packing material and locate the hardware for your CRICKET
2. Install the Steering Shaft
 - A. Make sure the steering wheel is in the correct orientation for driving straight and the front wheels are pointing straight. Line up the splines on the lower shaft with the upper shaft and slide the two shafts together. Then tighten the threaded collar on the upper shaft until tight. (Fig. 2.1.1)
3. Install Seat Side Rails
 - A. Take the black spacer bar and U-shaped rail pieces and secure them to the sides of the frame with the long screw knobs. (Fig 3.1.1)
4. Install Front Seat Back Rest
 - A. Gently guide both seat back support arms into the metal slots located behind the front seat. Install the small knobs into the threaded inserts on the rear of the metal slots to secure the seat back. (Fig 4.1.1)
5. Extend your SR1 and Install the Floorboard Extension
 - A. Pull up on the spring-loaded T-Lever in the center of the cart. Turn the lever clockwise until it locks open. (Fig. 5.1.1)
 - B. Gently pull or push the vehicle chassis front end forward until it stops. Then lift and turn the T-Lever counterclockwise and lock the chassis into position. You might need to slightly adjust the two chassis once the T-lever is lowered for it to “click” into lock. Check that the lever is locked. (Fig 5.1.2)



Fig 2.1.1

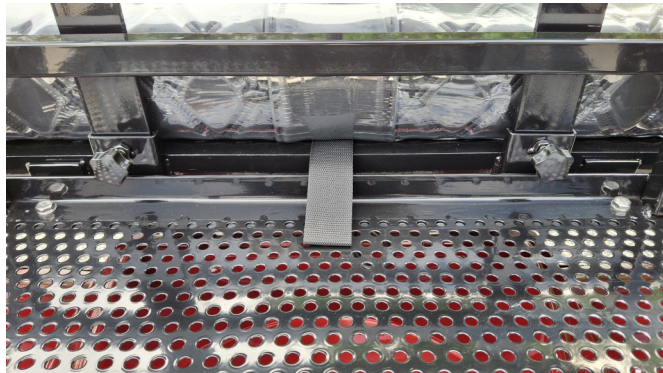


Fig 4.1.1



Fig 3.1.1



Fig 5.1.1

- D. Remove the floorboard knobs from both sides of the chassis, located just under the front seat on the frame. (Fig 5.2.1)
- E. Slide the floorboard extension into position by angling it in toward the front of the CRICKET.
- F. Slide the floorboard extension underneath the stainless-steel diamond plate of the permanent floorboard assembly.
- G. Make sure both sides of the floorboard extension are lined up and securely fitted underneath the front stainless-steel diamond plate.
- H. Install but do not tighten one of the floorboard knobs located on the chassis under the front seat, then install the second knob. You may need to slightly move the floorboard in order to line up with the threaded holes for the knobs. Once both knobs are installed tighten them down to secure the floorboard in place.



Fig 5.2.1



Complete CRICKET SR1

CRICKET SR1 Control Functions

1. Key Switch Function
 - A. ON: One click of key clockwise activates power and makes motor ready for operation.
 - B. OFF: With the key in the OFF position, the key can be removed and the cart is unpowered.
2. Charge Meter
 - A. CHARGE: Light at “1” signifies full charge. Flashing lights at “0” means no/extremely low charge
3. Directional Toggle Switch
 - A. Up (o) for forward - Down (I) for reverse.
4. Rheostat Speed Control
 - A. Use this knob to adjust the maximum speed of the cart. Turn clockwise for full speed and turn counterclockwise to limit the maximum speed.
5. Light Switch
 - A. Turns the headlight on (I) or off (o)
6. Horn Button
 - A. Press for Horn



CRICKET SR1 Usage

Entering the Vehicle

- All passengers (including driver) must always be seated while the CRICKET vehicle is in use.

Turning the Vehicle On

- Switch the key switch to the "On" Position and select the desired direction (Forward or Reverse).

Driving the Vehicle

- After making the desired directional selection, adjust your speed with the rheostat, and depress the floorboard-mounted accelerator pedal with your right foot to engage the vehicle's power train. Always be aware of surrounding terrain and use caution. Judge speed accordingly. Be cautious when encountering loose or wet terrain. Do not attempt steep grades. Mind signs and notices in areas where you drive the vehicle.

Stopping the Vehicle

- Slow down by gradually lifting your right foot off the accelerator pedal, allowing the motor to begin braking the cart. Once you reach zero forward speed, the automatic electronic braking system engages, immobilizing your CRICKET until the pedal is pressed.

Turning the Vehicle Off

- After taking your right foot completely from the accelerator pedal and allowing the vehicle to come to a complete stop, switch the key to the "Off" position.

Exiting the Vehicle

- Once the vehicle has come to a complete stop, and the key switch is turned to the "Off" position, all passengers may carefully exit the vehicle. Never attempt to exit the vehicle while it is still moving. This could lead to severe injury.

Storing the Vehicle

- Store your CRICKET vehicle with the key switch in the "Off" position. Do not store vehicle for more than one day with the battery charger hooked up. Ensure that the CRICKET is charged between once a week to once every two weeks. We recommend using a timer if you cannot maintain proper charging times in person.

Riding the Vehicle

- Ride with Care and Good Judgment. Get Training If YOU Are Inexperienced. This CRICKET vehicle should only be used by experienced operators. This vehicle requires special skills obtained through practice. Take your time to fully learn techniques before attempting more difficult maneuvers.
- You should familiarize yourself with the operation of the vehicle to achieve the skill necessary to enjoy riding safely. Be sure you have read this entire guide and understand the operation of the controls before you begin to ride. Pay particular attention to the safety information. Beginners should become familiar with this vehicle at slow speeds first, even if you are an experienced operator. Do not attempt to operate at maximum performance until you are totally familiar with the vehicle's handling and performance characteristics.

WARNING Passenger and Driver Safety ~ During Operation always keep your feet inside the vehicle during operation. Otherwise, your feet may contact the rear wheels. Removing even one hand or foot can reduce your ability to control the vehicle or could cause you to lose your balance and fall out of the vehicle. If you remove a foot from inside the vehicle, your foot or leg may come into contact with the rear wheels or objects outside the vehicle. Always keep both hands on the steering wheel and both feet inside the vehicle during operation.

CRICKET Operational Instructions, Maintenance, and Adjustments

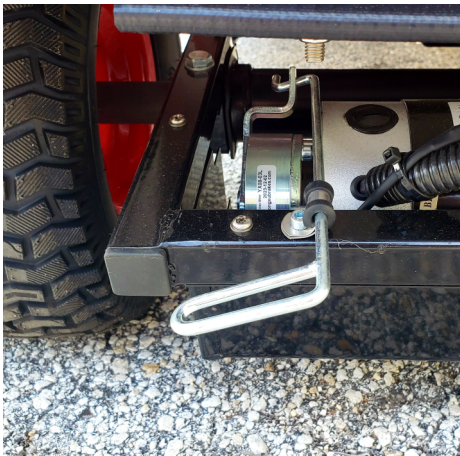
Tires and Tire Air Pressure

- Operating this vehicle with improper tires, or with improper or uneven tire pressure, may cause loss of control, thereby increasing your risk of an accident.
- Always use the size and type tires specified in this manual for this vehicle.
- Always maintain proper 20 PSI tire pressure as described in this manual, adjusting periodically for conditions, load, and terrain.
- Check tire pressure and adjust accordingly by removing cap from valve stem, just as with any automobile using pneumatic tires.
- Always replace valve stem cap after each tire pressure check operation.

Charging the Batteries

1. Simply raise the hinged front seat with the convenient lift strap for easy access to the on-board permanent charging system.
2. Insert the plug (it will fit only in one direction) attached to the battery-charging unit into any convenient 120-volt electrical outlet. (Also works with Coach and other portable generators.) The charge lights will appear RED under the CHARGING label when the charger begins the charging process.
3. Charge lights turn GREEN under the READY label when the CRICKET is fully charged, and the unit cuts off automatically. Just unplug the cord, replace it in the under-seat compartment, and return the seat to its secure driving position.

NOTE: If your CRICKET is out of use, be sure to charge your CRICKET as periods exceeding 2 weeks without a charge greatly increase the risk of damaging or destroying a battery's ability to hold a charge. Use a timer to maintain a proper charging cycle if it cannot be done in person. We recommend letting the batteries charge for 8 hours minimum.



Free-wheel Lever



Three Bank Charger

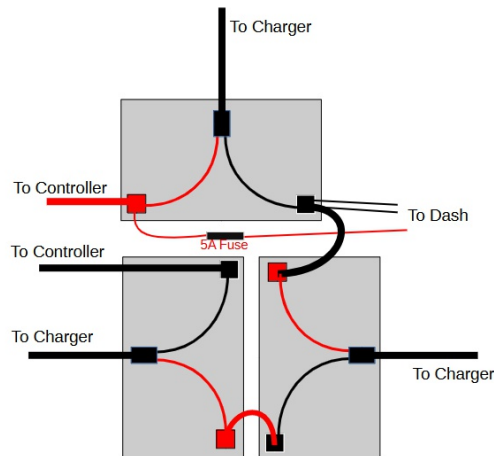
Adjusting the Free-Wheel Lever

1. The free-wheel lever is conveniently located just underneath the left rear of your CRICKET SR1.
2. Pull the free-wheel lever toward rear of vehicle "out-of-gear" condition for free-wheeling operation; when you hear the "click", you've engaged the freewheeling function. (This makes pushing, rolling, and/or loading the vehicle much easier.) Make sure the cart is off, as the motor will provide resistance if the cart is on while the free-wheel lever is disengaged.
3. Remember to push the free-wheel lever back in, toward the front of the vehicle, prior to normal operation. (Listen for another "click" to indicate you have returned to regular driving configuration.)

Replacing your CRICKET SR1 Batteries

NOTE: Batteries are hermetically sealed and require NO MAINTENANCE beyond charging for the life of the battery. No acid. No acid odor. No leakage.

1. To remove battery cover, unhinge four latches on either side of the T-slide handle and at the front of the motor compartment (beneath the front portion of the seat) and slowly, carefully slide the cover forward to reveal both batteries.
2. Use a 10mm wrench to turn bolts counterclockwise to loosen and remove batteries with built-in, convenient plastic handles. Use Caution not to “short” batteries with the wrench when disconnecting or connecting the battery terminal leads.
3. Install new batteries by reversing procedure in step 1, above. Below is a diagram that should be referenced for correct battery wiring in current CRICKET SR1 vehicle. Then, replace and secure the battery cover.



Operating the Convertible Rear Passenger Seat

To convert your rear seat into the rear cargo carrier for a non-passenger, load-carrying capacity, simply grab the rear frame of the rear passenger seat and flip it toward the rear and down.



Rear Cargo Carrier

NOTE: Whenever there is any doubt whatsoever about anything involved with the operation, maintenance and safe usage of your CRICKET SR1, always call FREE TECHNICAL SUPPORT at 321-752-4041, or email us at sales@melbournecricket.com

Warranty Information

Limited Warranty

Cricket Carts hereby warrants that new CRICKET vehicles purchased from an authorized CRICKET dealer, or direct from Cricket Carts, in the continental United States will be free from defects in material and workmanship for the period of time stated herein, subject to certain stated limitations. Cricket Carts is not responsible for any abuse, negligence, vandalism, or acts of nature.

The Period of Warranty

All CRICKET vehicles shall have a warranty period of one year from the date customer takes possession, or upon verified delivery of vehicle to customer's designated delivery address

During the Period of Warranty

Cricket Carts will, free of charge, repair or replace, at its option, any part adjudged defective by Cricket Carts during the warranty period due to faulty workmanship or material from the factory. Parts used in warranty repairs will be warranted for the balance of the product's warranty period. All parts replaced under warranty become property of Cricket Carts.

General Exclusions

Exclusions from this warranty shall include any failures caused by:

- a. Competition or racing use.
- b. Installation of parts or accessories that are not qualitatively equivalent to genuine Cricket Carts manufacturer parts or accessories
- c. Abnormal strain, neglect, or abuse
- d. Lack of proper maintenance
- e. Accident or collision damage
- f. Modification to original parts
- g. Damage due to improper transportation

Specific Exclusions

This warranty does not extend to those items which may require replacement due to normal wear and tear.

- Plastic Shrouds
- Upholstery and Seating Tires and Rims

Exclusions also include components with damage or failure caused by:

- Contamination
- Abuse, misuse, accident or negligence
- Use other than normal design specifications
- Improper operation, maintenance or storage

Do not return faulty parts without prior authorization. All transportation costs and shipping damage incurred while submitting parts for repair or replacement are the responsibility of the purchaser.

The Customer's Responsibility

Under this limited warranty, the customer's responsibility shall be to:

- a. Operate and maintain the vehicle as specified in the appropriate owner's manual.
- b. Give notice to Cricket Carts, or an authorized CRICKET dealer, of any and all apparent defects within ten (10) days after discovery, and make the vehicle available at that time for inspection and repairs at such dealer's place of business, or at Cricket Carts in Melbourne, FL.
- c. Register the cart's warranty at <https://www.cricketcarts.com/warranty-registration>
- d. Maintain proper battery care.
 - **Care of Batteries:**
 - Starting from the date of product delivery battery charge must be maintained to ensure warranty coverage. For products which are not used regularly, or during periods of storage prior to and after purchase date, batteries must be charged once a week, for 24 hours. Failure to do so will void battery warranty. It may take a few days for the temperature of your batteries to stabilize and adjust to their new temperature. It takes a few charging cycles (partial draining followed by full recharging) to establish the critical chemical balance that is essential to a deep-cycle battery's peak performance and long life.
 - Note: Gradual deterioration in performance because the battery has been left in a discharged state, left in cold or hot conditions for an extended period of time or worn out through heavy use is not covered. If you use your Cricket daily, charge its batteries as soon as you finish using it for the day. We recommend that you charge the batteries for at least 8 to 14 hours after daily use.
 - **Maximum Battery Life:**
 - We recommend that you keep your batteries fully charged whenever possible. Try to maintain an even speed while your Cricket is in motion. Make sure all harness connections are secured properly. To extend battery life, always turn off the Cricket and remove key when not in use.
 - **Pro Charging System Battery Charger Two-year Warranty:**
 - The RS3 charger is covered by a separate two-year warranty provided by the charger manufacturer. The charger is not warranted by the Cricket company. Contact Pro Charging Systems at (800)742-2740. You will need to provide the Charger's Serial Number which is located on a white label attached to the AC power cord for the charger.

NOTE: Cricket Carts makes no other warranty of any kind, expressed or implied. All implied warranties of merchantability and fitness for a particular purpose which exceed the obligations and time limits stated in this warranty are hereby disclaimed by Cricket Carts and herewith excluded from this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Also excluded from this warranty are any incidental or consequential damages, including loss of use. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

