

ATTENTION: Please follow all assembly instructions. READ the instructions carefully to understand the operating procedures BEFORE you run your caddy.

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PACKING LIST

X3 Classic & X3 Sport

- 1 Caddy Frame (including Front Wheel Set)
- 2 Rear Wheels (Left & Right)
- 1 Battery Pack (Lead Acid or Lithium Battery, Bag, Leads)
- 1 Charger
- 1 Tool Kit
- · Operational Guide, Battery Care Instructions
- · User Manual, Warranty, Terms & Conditions

X3R

- 1 Caddy Frame (including Front Wheel Set)
- 1 Anti-Tip Wheel & Pin
- · 2 Rear Wheels
- 1 Battery Pack (Lead Acid or Lithium Battery, Bag, Leads)
- 1 Charger
- 1 Tool Kit
- 1 Remote Control (2 AAA Batteries included)
- · Operational Guide, Battery Care Instructions
- · User Manual, Warranty, Terms & Conditions

Included Accessories (X3 Sport & X3R only)

- 1 Scorecard Holder
- 1 Cup Holder
- 1 Umbrella Holder

NOTE:

This device complies with part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT

Bat-Caddy X3R

FCC ID: QSQ GC827322

IC ID: 10716A

PARTS GLOSSARY X3 Classic, X3 Sport



PARTS GLOSSARY



ASSEMBLY INSTRUCTIONS

X3 Classic, X3 Sport, X3R

There is a video on how to assemble your X3 Series cart on our website (www.batcaddy.com) under Product Info > Tech Tips

- 1. Unpack all items carefully and check inventory. Place frame structure (one piece) on soft clean ground to protect the frame from being scratched.
- 2. Attach rear wheels to axles by sliding the locking lever on the wheel hub to the right, opening the internal lock. Insert the axle into the wheel. Make sure to keep the locking lever in the open position during this process (Pic-1). Then insert the axle all the way onto the wheel (Pic-2). Align the axle pins so they fit into the inner core of the wheel (Pic-3). Release the lever and let the wheel lock into the groove on the front of the axle to secure it in place. If not locked in, the wheel will not be connected to the motor and may come off. Test the lock by trying to pull the wheel out. To disassemble the wheels, proceed in reverse order.







Pic-1

ATTENTION:

X3 Classic & X3 Sport

Make sure that the right wheel (marked R) is attached to the right side and the left wheel (marked L) to the left side (seen from behind the cart in driving direction), as the wheels have built-in one-way clutches. The caddy will not move if the wheels are not on the proper side.

3. Erect the frame by first unfolding the u-shaped frame piece (Pic-4). Bring up the frame piece with the main hinge attachment and first attach bottom of the hinge to the outside of the pin on the top of the u-shape frame (Pic-5). Open the top frame and using the hinge lever, attach it to the inside of the pin locking the entire joint together (Pic-6). Proceed in reverse for folding the caddy.







Pic-4

Pic-5

Pic-6

ASSEMBLY INSTRUCTIONS (Continued)

X3R only

 Insert Anti-tip Wheel into frame holding bar and secure with pin.



5. Place the battery pack on the battery tray and tightly fasten the Velcro strap around the battery. Insert the 3-prong battery plug into the caddy outlet so the notch aligns properly. It is recommended that you DO NOT fasten the screw on the plug to the outlet, so in case of tipover, the cable can unplug from the socket.

NOTE: Before connecting make sure that the speed control dial (rheostat) on handle is in OFF position!





6. Attach optional accessories, such as Scorecard/Beverage/Umbrella holder, below the handle. Instructions provided separately.





X3R Only

7. Unpack remote control and install batteries with plus and minus poles as indicated in the diagram in the receiver compartment of the unit.



OPERATING INSTRUCTIONS X3 Classic - X3 Sport - X3R







X3 Classic Faceplate

X3 Sport/X3R Faceplate

X3 Classic Instructions

speed, counterclockwise reduces the speed.

On the handle the top red button is your ON/OFF switch which powers up & turns off power to cart. The "lightning bolt" will light up to indicate power is "ON".

Slow Fast

The speed control dial (rheostat) on the side of the handle rotates to sets the speed desired. Clockwise increases the

The green button ▶ is our STOP/GO feature. It works with the speed control to allow you to stop the cart at the current speed. When you are ready to resume, press the button again and the cart will return to the last speed set. This option saves you from turning the speed dial back to zero and re-setting it each time.

X3 Sport Instructions

- The top red button has two functions ON/OFF and STOP/GO
- 1. ON/OFF Controls the caddy's power supply. Press and hold for 3-5 seconds in order to switch the caddy ON or OFF. The "lightning bolt" will light up indicating power is "ON".
- 2. STOP/GO Once the cart is powered up, you can use the power button along with the speed control dial (rheostat) to stop the cart at the current speed and then resume at the that same speed. Set the desired speed with the speed control dial (rheostat) and then press the power button for one second when you want to stop. Press the power button again and the caddy will resume at the same speed.

Speed Control Dial (Rheostat)

The Speed Control Dial (rheostat) is located on the side of the upper frame adjacent to the control panel. It should be in the OFFposition to start. Rotating it to the right (clockwise) will start your speed.



Press once, the caddy will run caddy 10 yards/meters and stop.

Press twice, the caddy will run caddy 20 yards/meters and stop.

Press three times, the caddy will run caddy 30 yards/meters and stop.

ATTENTION: DO NOT use these functions when the caddy is close to water or other hazards!

X3 Sport Instructions (Continued)

USB port is available for charging GPS and/or cell phones. It is located in the end cap of the upper frame above the handle control.



X3R Instructions

The manual controls are the same as the X3 Sport Remote Control Features and Instructions

Functions:

Stop: The red button in the middle of the directional arrows should be used for stopping the caddy.

Timer: 10, 20, 30 yards/meters

Backward Arrow: Pressing the backward arrow will set the caddy in backward motion. Pressing multiple times will increase the backward speed. You may also press this button to decrease forward speed and slow down the caddy

Forward Arrow: Pressing the forward arrow will set the caddy in forward motion. Pressing multiple times will increase the speed.

LEFT Arrow: initiates left turns. When the arrow is released, the caddy will stop turning and continue straight at the original speed prior to turning.

RIGHT Arrow: initiates right turns. When the arrow is released, the caddy will stop turning and continue straight at the original speed prior to turning.

On/Off Switch: New added feature. Situated on right side of the device, the switch should be in the "ON" position for normal use. The "OFF" position is a safety feature recommended to be used to prevent accidental engagement of caddy.

Antenna: Internal
Batteries: 2 x 1.5V AAA

Important Notes

- Change the remote control batteries once the indicator LED light gets weak or does not light at all.
- The remote control uses two 1.5V AAA batteries available in any supermarket, drugstore, or electronics store
- It is recommended to keep a set of extra batteries ready as replacement
- To change the batteries, open the battery compartment cover by pulling the lever and place the batteries according to the diagram in the battery compartment
- The remote-control system is designed to not interfere with other electric caddies
- The maximum range of the remote control varies between 80-100 yards, depending on the battery charge, obstacles, atmospheric conditions, power lines, cell phone towers or other electronic/natural interference sources
- It is strongly recommended to operate the caddy at a maximum range of 20 30 yards in order to prevent loss of control of the unit!

Additional Functions

Tracking Adjustment: Tracking behavior of all electric caddies is strongly dependent on equal weight distribution on the caddy and slope/topography of the golf course. Test your caddy's tracking behavior by operating it on an even surface without the bag.

If changes are necessary, you can adjust the tracking of your caddy by loosening the front wheel axle and shifting the front wheel as needed. After adjustment, fasten screws in reverse order. Note: **DO NOT** over tighten the nuts.



Note: There is a video on our website (www.batcaddy.com) under "tech tips" that shows how to adjust tracking

Braking System

The caddy drive train is designed to keep the wheels engaged with the motor, thus acting as a brake that will control the caddy's speed while going downhill.

Testing Your Caddy

Test Environment

Make sure that you perform your first test of the caddy in a wide and safe area, free of obstructions or valuables, such as people, parked automobiles, flowing traffic, bodies of water (rivers, swimming pools, etc.), steep hills, cliffs or similar hazards.

Manual Control Operation

Test the manual function first: Press the On/Off button for 2-5 seconds. The manual functions of the caddy are controlled through the speed control dial (rheostat) on the top of the handle. Turning the wheel clockwise will control the forward movement of the caddy. In order to slow down or stop the caddy, turn the wheel counterclockwise.

Remote Control Operation (X3R Only)

Make sure you are close to the caddy at all times while testing it and familiarizing yourself with the remote control! Turn on the main power switch and make sure that the speed dial control (rheostat) is in the OFF position. One press of the Forward/Backward arrows on the remote control starts the caddy in either direction. Further presses increase the speed.

In order to stop the caddy, press the round red STOP button in the middle of the remote. To turn the caddy in either direction while moving, press the left or right arrows briefly. Once you release the button, the caddy will continue in the current direction at the same speed prior to the turning command. You will notice that the caddy reacts differently on different surfaces, so it will take some practice to get just the right touch for turning maneuvers. The remote is designed to have a reach of approximately 80-100 yards, but we strongly recommend to operate the caddy in closer ranges of 10-30 yards (not exceeding 50 yards) to be able to react quickly to any unforeseen events, i.e., other golfers crossing your path, or to avoid hidden obstructions such as creeks, bunkers, or uneven ground, etc. or an unexpected disconnection in remote operation.

BATTERY MAINTENANCE & ADDITIONAL INSTRUCTIONS

- Battery Charging and Maintenance (see specific separate instructions for sealed lead acid (SLA) and lithium batteries)
- PLEASE OBEY THESE PRECAUTIONS FOR BATTERY USE & CHARGING:
- Please do not charge the battery in a sealed container or a an upside down position. Charge the battery in a well-ventilated area.
- Please do not charge the battery near a heat source, where heat accumulation may occur, or in direct sunlight.
- In order to prolong the service life of the battery, avoid complete discharge and charge the
 battery after every use. Unplug the battery from the charger once the charge is complete. When
 the caddy is not in use for an extended period of time, it is recommended to charge the battery
 once every 6 weeks.
- The red color on the battery pole stands for positive, and the black stands for negative. In case
 of battery replacement, please reconnect the poles of the battery correctly to avoid severe
 damage.
- Please do not disassemble the battery or throw it into a fire. EXPLOSION HAZARD!
- NEVER TOUCH THE ELECTRIC POLES OF THE BATTERY AT THE SAME TIME! THIS IS
 A SEVERE SAFETY HAZARD!

Battery Charging Instructions for SLA Batteries

- Connect the battery cable plug to the charger and then plug the charger into an electrical outlet.
- During the charging cycle the LED on the charger will show a red steady light. Once the charging
 cycle is complete, the red light will turn into a steady green light. It is now okay to unplug the
 charger and battery for reuse.
- The charging cycle can last up to 12 hours depending on the level of discharge.
- Normally the battery will hold its charge for several months, and it does not have a "memory
 effect", and therefore can be recharged at any discharge level. It is recommended to not fully
 discharge the battery, as this will shorten battery life drastically. The battery has a normal
 lifespan of approximately 150 charges, depending on charging frequency, storage conditions,
 and time and discharge history, which could reduce this lifetime.
- · Before storing a battery for extended periods of time you must fully charge it.

DO NOT store a discharged battery or as it may become unusable. Replacement batteries are available from Bat-Caddy or your authorized dealer.

Recommendations

- Fully charge the battery for approximately 5-9 hours before the first use.
- Do not leave the battery on the charger. Remove it from the charger after charge is complete
- The battery will take approximately 2-3 rounds and charging cycles before it reaches its full
 operating potential. During the first couple of rounds it might still be below its optimal power.
- Always keep your battery fully charged before another game
- Never keep your battery connected to the grid during prolonged power outages. It might be irreversibly damaged.

Battery Charging Instructions for SLA Batteries (continued)

DO NOT fully discharge the battery by "overplaying" it. It is recommended to recharge the battery after every 18 holes.

*Life of sealed lead acid and any other batteries is dependent on a variety of factors, other than purely the number of charges, including but not limited to, frequency between charges, duration of charge, level of drainage, idle time, operating temperature, storage conditions and duration and overall shelf time. Bat-Caddy will cover our batteries according to our warranty policy and any potential additional coverage is at our discretion".

Battery Charging Instructions for Lithium Batteries

- · Similar instructions to SLA battery with these differences and additions.
- Do not expose the battery to excessive heat or direct sun for long periods of time.
- Do not store in hot areas (car trunks, garages, etc). LI batteries do not like high temperatures.
- Do not leave the battery on the charger for extended periods of time. Overcharging the battery
 will void the warranty. It is recommended to charge the battery shortly before you play again,
 instead of right after you have played.
- Unlike SLA batteries, lithium batteries should be stored at a lower charge state during longer periods of inactivity. The ideal charge state is 40-50% of capacity.
- The red light indicating the charge is only lit when plugged into a power source. The capacity is
 measured by a series of four(4) green lights. When all four lights are lit, the battery is charged.
 (Prior model chargers have a different set of instructions.)
- Never expose or throw the Lithium battery into open fire. EXTREME FIRE HAZARD

Recommendations for Efficient and Safe Operation

- Be alert and act responsibly at all times while operating your caddy, just as you would when
 operating a riding cart, motor vehicle, or any other type of machinery. We absolutely do
 not recommend the consumption of alcohol or any other impairing substances while
 operating our caddies.
- DO NOT operate the caddy carelessly or in narrow or dangerous places. Avoid using your caddy in places where people may gather, such as parking lots, drop-off areas, or practice areas, to avoid damage to people or valuables. We recomend operating your caddy manually in crowded areas with or without power. Please make sure to always switch off the power and secure the caddy when you are through or when not in use.

General Maintenance

All of these recommendations, along with common sense, will help keep your Bat-Caddy in top condition and ensure that it remains your reliable partner, both on and off the links.

- The Bat-Caddy has been designed so that the user can concentrate on playing golf, while the
 caddy does the work of carrying your bag. In order to keep your Bat-Caddy looking its best,
 wipe any mud or grass from the frame, wheels and chassis after every round using a damp
 cloth or paper towel.
- NEVER use water hoses or high-pressure jet washers to clean your caddy to prevent moisture from entering the electronic systems, motors, or gear boxes.
- Remove the rear wheels every few weeks and clean out any debris that may cause the wheels to drag. You may apply some lubricant, such WD-40, to keep moving parts smooth and corrosion-free.
- A 4 to 5 hour round of golf played once a week for 12 months is equivalent to approximately
 four years' use of a lawn mower. Thoroughly inspect your cart at least once a year, and if you
 notice any symptoms of wear, contact your Bat-Caddy Service Center. Alternatively, you can
 have your caddy inspected and tuned at our Service Centers, so it's always in great shape for
 the new season.
- Always disconnect the battery when you store your caddy, and always reassemble your caddy before reconnecting the battery. If you are not planning to play for at least a month, store the battery in a cool dry place (not on a concrete floor) and DO NOT LEAVE IT ON THE CHARGER.

Electronic Systems

- Remote Control Range: We recommend not to exceed 20-30 yards distance. The greater the
 distance between you and the caddy, the greater the chance of losing control of it.
- Microcomputer: The remote caddy has 3 microcomputer controls: the first is in main controller box, the second is in the remote control transmitter handset, and the third is in the receiver in the handle
- Safety Protection: When the temperature of the controller box reaches its upper limit, the
 overload circuit will automatically shut down the unit to cool it down. The remote control unit
 will NOT operate at this time, but you may continue to use your caddy with manual operation.
- Microprocessor Controlled Electronics System: When you connect the battery, the electronics system will automatically run through a start-up routine; then once completed you can press the main OFF/ON switch on the handle. The battery charge indicator lights will show you the charge level of the battery from green (fully charged) to red (discharged).
- Important: The electronics controller box contains no user serviceable parts. Therefore, it is sealed to reduce the risk of moisture entering and impacting the electronic system. Breaking this seal increases the risk of damaging the electronics and decreasing the reliability of your caddy. DO NOT attempt to open the controller case. DOING SO WILL VOID THE WARRANTY!
 Battery Operation and Care: Follow battery charge and maintenance instructions. The battery comes with leads and a 3-prong connector.

Note: Bat-Caddy reserves the right to modify/upgrade any components during a model year, so illustrations on our website, brochures and manuals may slightly vary from the actual product shipped. However, Bat-Caddy guarantees that specifications and functionality will be always equal to or better from the advertised product. Promotional accessories may also vary from illustrations shown on our website and other publications.

TECHNICAL SPECIFICATIONS

Model Name	X3 Classic / Sport
Standard Battery	35/36Ah SLA Dimensions SLA: 8 x 5 x 6 in (20 x 13 x 15 cm) Weight: 21/24 Lbs Average charge time: 3-6 hours Lifetime: ca. 120 - 150 charges
Standard Battery Duration	27-36 holes per charge
Battery Upgrade Options	16 AH Lithium or 22AH Lithium Average Charge time 3-6 hours Lifetime: ca. 500-750 charges
Folded Dimensions (w/o wheels)	Length: X3: 31" (78.7 cm) Width: X3: 19" (48.3 cm) Height: X3:10" (25.2 cm)
Unfolded Dimensions	Length: X3 40" (101.6 cm) Width: 22" (55.9 cm) Height: 38.5" (97.8 cm)
Weight Caddy	X3:19 Lbs (8.6 kg)
Weight Battery	35Ah SLA: 25 lbs (10 kg) 16Ah Ll: 5 lbs (2.3 kg) 20Ah Li: 6 lbs (2.7 kg)
Total Weight (standard battery 35Ah)	X3: 48 lbs (18.2 kg)
Speed	5.4 mi/h (8.6 km/h)
Control Functions	Manual Seamless Rheostat Cruise Control/Stop/Go Functions: Forward, Stop Power Switch Speed Indicator X3 Sport only USB Port Timed Distance Advance function (10,20,30 yds/m)
Distance/Range	15 mi (25 km)/27-36 holes
Climbing Ability	30 degrees
Maximum Load	70 lbs (32 kg)
Charger	Input: 110-240V AC Output: 12V/2A-3A Trickle Charger
Motor	Power: 1 x 200 Watt (200 Watt) 12V DC Electric
Front Wheels	Airless, rubberized tread Tracking adjustment
Rear Wheels	Airless, rubberized tread Quick-release mechanism
Drive Train	Rear Wheel Drive Gear ratio (17:1)
Handle Height Adjustment	N/A
Materials	Aluminum/SS and ABS
Available Colors	Iridium Silver, Matte Black, Glossy White
Available Accessories	Scorecard Holder, Cup Holder, Umbrella Holder, Waiting Seat, Carry Bag, Sand Dispenser, GPS/Cell Phone Holder, Remote Clip Hanger
Introduced (year)	2009 revised 2012 & 2014
Warranty	1 Year on Parts and Labor 1 Year on SLA Battery/2 Years on LI Battery 2nd Year - Prorated

TECHNICAL SPECIFICATIONS

Model Name	X3R
Standard Battery	35/36Ah SLA Dimensions: 8 x 5 x 6 in (20 x 13 x 15 cm) Average charge time: 4-8 hours Lifetime: ca. 150 charges
Standard Battery Duration	27+ holes
Battery Upgrade Options	22Ah Lithium @ \$400.00
Folded Dimensions (w/o wheels)	Length: 31" (78.7 cm) Width: 22.5 in (57.2 cm) Height: 10 in (25.4 cm)
Unfolded Dimensions	Length: 42 in (106.7 cm) Width: 25 in (63.5 cm) Height: 36.5 in (92.7 cm)
Weight Caddy	23 lbs (10.5 kg)
Weight Battery	35Ah SLA: 25 lbs (11 kg) 20Ah Lithium: 6 lbs (2.7 kg)
Total Weight (standard battery 33Ah)	48 lbs (21.8 kg)
Speed	5.4 mi/h (8.6 km/h)
Control Functions	Manual Seamless Rheostat Remote Control (range up to 80-120 yards) Functions: Forward, Reverse, Left, Right, Stop Timed Distance Advance function (10,20,30 yds/m) Cruise Control Power On/Off USB Port
Distance/Range	13 mi(20 km)/27+ holes
Climbing Ability	30 degrees
Off-Power Free-Wheeling Mode	✓
Maximum Load	77 lbs (35 kg)
Charger	Input: 110-240V AC Output: 12V/3A-4A Trickle Charger
Motor	Power: 2 x 200 Watt (400 Watt) 12V DC Electric
Front Wheels	Airless, rubberized tread Tracking adjustment
Rear Wheels	Airless, rubberized tread Quick-release mechanism Anti-tip wheel assembly
Drive Train	Rear Wheel Drive Dual independent transmission Gear ratio (17:1)
Handle Height Adjustment	N/A
Materials	Aluminum/SS and ABS
Available Colors	Iridium Silver, Matte Black, Glossy White
Available Accessories	Scorecard Holder, Cup Holder, Umbrella Holder, Waiting Seat, Carry Bag, Sand Dispenser, GPS/Cell Phone Holder, Remote Clip Hanger
Introduced (year)	2006
Warranty	1 Year on Parts and Labor 1 Year on SLA Battery/2 Years on LI Battery 2nd Year - Prorated

TROUBLESHOOTING GUIDE

Caddy does not have power	Make sure battery is plugged correctly into cart
	Make sure battery is sufficiently charged
	Depress and hold power button for at least 5 seconds Make sure battery leads are connected to proper poles (red on red & black on black)
	Make sure power button is engaging circuit board (you should hear a click)
Motor is running but wheels don't turn	Check if wheels are attached correctly. You should not be able to pull off wheel
	On X3C/X3S Check right and left wheel positions. Wheels must be on the correct side
	Check connection between controller and motor
	Check if wheels are secured to axle by axle pin
	Check right/left wheel clutches
Caddy pulls to left or right	Check if wheel is fitted over clutch & latched to axle
	Check if axle pin is visible at both sides of axle
	Check clutch: turn freely in one direction only
	Check tracking on level ground
	Check weight distribution in golf bag
Battery/Caddy lacks power	Check cable connections
	Check battery charge
	Check charger function
Problems attaching wheels	Make sure you are holding the spring clip down
	Sand and smooth axle with Emery cloth to remove excess paint or burrs

FREQUENTLY ASKED QUESTIONS (FAQs)

Please check our website at http://batcaddy.com/pages/FAQs.html for FAQs For Technical Support please contact one of our Service Centers or visit

https://batcaddy.com/pages/TechTips.html

Contact info at http://batcaddy.com/pages/Contact-Us.html Check our website www.batcaddy.com

