



# USER'S MANUAL

## Golf Caddy

**TERRA ELECTRIC**





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## I General Cautions

### FIRST USE

- Read the user manual carefully before using the caddy.
- Before using the caddy for the first time, fully charge the battery for at least 6 hours.
- When using the remote control of the caddy, remember that its range is approximately 10 meters, do not move too far from the caddy so as not to lose control.
- Do not leave the caddy exposed to rain, especially if disassembled. Our caddy is designed to be water resistant but not to be immersed in water or washed with a hose or pressurized water jet.
- Do not immerse or expose the battery, charger or remote control to direct jets of water.



### DANGER!!

- Only charge the battery in a well-ventilated area and under the supervision of someone. DO NOT CHARGE THE BATTERY OVERNIGHT OR WHEN YOU ARE OUT OF THE HOME.
- Do not use battery chargers other than the one supplied.
- Do not replace the supplied battery with a non-original spare part.
- Do not modify the caddy's electrical circuits or alter its factory performance settings.
- Only use the caddy in a private area, closed to traffic.
- Do not allow the use of the caddy by children under 12 years of age.
- Do not use the caddy for anything other than its intended purpose (transport of a bag for clubs).
- Do not use the caddy to transport people, animals or things.
- Do not exceed the maximum capacity of the caddy (65 lbs).





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## 2 Packing list

### 2.1 Terra electric FULL VERSION

1 Motor axis	1 Battery pack, with battery cover bag
1 Frame with front wheel	1 Battery support and fastening systems
1 Rudder frame and controls	1 Battery charger
1 Anti-Tip wheel	1 Tool kit
2 Rear wheels	1 Remote control (Batteries included)
1 Rain cover	1 Score card holder
1 Cup holder	1 GPS/phone holder
1 Multi support	1 Umbrella holder
1 Carry on trolley bag	



### 3 Main parts





### 3.1 Description of main part

Ref.	Description	Ref.	Description
1	Rudder frame	8	Control board
2	Rudder adjustment knob	9	Speed knob
3	Golf bag support	10	USB socket
4	Rear wheels	11	Anti-tip wheel
5	Battery and support plate	12	Battery charger
6	Front frame	13	Supply cable
7	Front wheel	14	Remote control

## 4 Assembly instruction

1. Unpack all items and check inventory.
2. Mount the battery support plate on the front arm of the caddy, using the specific fixing brackets, screws and fixing bolts supplied.



### BATTERY SUPPORT PLATE



- The fixing nuts must fit inside the shape of the fixing flanges, push lightly until the nuts enter correctly.
- The battery support plate is a useful but not mandatory accessory, if you want you can store the battery inside your golf bag.



3. Attach rear wheels to motor axis by pushing the wheel locking buttons on the wheel and inserting the axle extension into the wheel (see fig. A and Fig B).
4. Make sure to keep the spring clip on the wheel pressed down during this process, in order to enable the wheel to be inserted fully onto the axle sprocket. If you have inserted the wheel correctly onto the wheel, when you release the spring clip it will lock onto a groove on the end of the axle. If not locked properly, the wheel will not be connected to the axle and will not be propelled! Test the lock by trying to pull the wheel out.



Fig. A



Fig. B

5. The wheels can be locked in two positions, **Fig. A** shows the position for manual transport of the caddy, with the wheels disconnected from the motor hub. **Fig. B** shows the position of electric use, with the wheels connected to the motor axle.



## WHEELS LOCKING



- If not locked properly, the wheel will not be connected to the axle and will not be propelled! Test the lock by trying to pull the wheel out.
- Do not manually push the caddy with the wheels in the electric use position.
- Do not leave the caddy on sloping ground when the wheels are in the manual use position.
- Do not force the wheels onto the axle without pushing the wheels locking buttons. this operation could irreparably damage the wheel.

6. Install the anti-tip wheel in the specific housing of the motor axle, as shown in **Fig. C**. A click identifies the correct assembly of the anti-tip wheel.



Fig. C

7. Install the front frame of the caddy on the motor axle. a click identifies the correct assembly of the frame.

8. Install the rudder frame of the caddy on the motor axle. a click identifies the correct assembly of the frame.



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9. Adjust the height of the drawbar and the positioning of the golf bag holder. Once the desired position has been reached, lock the rudder by turning the fixing knob clockwise, as shown in **Fig. D**.



Fig. D

10. Connect the main wiring connector to the engine axle, inserting the connector in the special socket and tightening the fixing ring nut, as shown in **Fig. E**.

II. Secure the battery to the support plate using the two fastening tapes as showed in **Fig. F**, then plug the battery connector into the battery socket, as shown in **Fig. E**.



Fig. E



Fig. F



## BATTERY CONNECTION



- Before connecting the battery make sure the Speed control knob on the caddy is in the OFF position and the Remote Control is stored securely.

12. Insert 2 AAA batteries (supplied) into the remote control, respecting the poles indicated inside the battery compartment.

## REMOTE CONTROL BATTERY



- In case of inactivity for a long time, remove the batteries from the remote control to avoid oxidation which could compromise the correct functioning of the remote control.

13. Place your golf bag on the trolley, securing it with the dedicated fastening elastic bands, as shown in **Fig. G**



Fig. G



## 5 Control function

### 5.1 Main control



Fig. H

#### 1 - POWER BUTTON / START STOP

Holding down the button for 3 seconds will turn your caddy ON or OFF. A green/red LED light will turn on behind the battery icon.

Pushing the button while the caddy is in motion will stop the caddy. Pushing the button again will start the caddy again, at the same speed set when last stopped.



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## 2 - T. BUTTON

With the caddy stopped and with the speed knob in position 0, press the button to activate the automatic forward movement of the caddy.

Button pressed once: the caddy moves forward 10 yards.

Button pressed twice: the caddy moves forward 20 yards.

Button pressed three times: the caddy moves forward 30 yards.

Once the chosen distance has been reached, the caddy stops independently.



### T-MODE

- It is advisable to use mode T only on flat surfaces free from obstacles, to avoid overturning of the caddy or collisions with things and/or people.

## 3 - BATTERY LED STATUS

The battery charge status LED is green when the battery has sufficient charge, turns red when the battery needs to be recharged.



### LOW BATTERY

- If you run out of battery during a game, disconnect both rear wheels from the motor hubs, as shown in Fig. A and push the caddy manually.

## 4 - SPEED KNOB

The speed knob on the side of the handle controls the forward speed of caddy. This knob should always be turned OFF prior to powering the caddy. This is done by turning the dial counterclockwise until it clicks. Once you have powered the caddy, slowly turn the dial clockwise until the caddy matches your preferred walking speed. Once your desired speed is set you can use the Start/Stop button as described above to stop and start the caddy. Speed can be adjusted at any time by turning the knob up or down while in motion.



## 5.2 Remote control



Fig. I

### 1 - LED STATUS

For each command given, the LED flashes red if the remote control is working correctly.

### 2 - MOVING FORWARD

Each press of the button increases the caddy's forward movement speed. the caddy has 9 forward speeds.

### 3 - MOVING BACKWARD

Each press of the button decreases the caddy's forward movement speed. with the caddy stationary, pressing the button causes the caddy to move backwards. the caddy has 9 reverse speeds.



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## 4 – TURNING RIGHT

Press and hold the button and the caddy will turn to the right (from a stop and while in motion) until the button is released.

## 5 – TURNING LEFT

Press and hold the button and the caddy will turn to the left (from a stop and while in motion) until the button is released.

## 6 – STOP

Press the button to stop the caddy.

## 7 – T. BUTTON

With the caddy stopped and with the speed knob in position 0, press the button to activate the automatic forward movement of the caddy.

Button pressed once: the caddy moves forward 10 yards.

Button pressed twice: the caddy moves forward 20 yards.

Button pressed three times: the caddy moves forward 30 yards.

Once the chosen distance has been reached, the caddy stops independently.

## 8 – LOCK SWITCH

Slide up to turn ON the remote control. Slide down to turn OFF.

### DANGER



- It is advisable to use mode T only on flat surfaces free from obstacles, to avoid overturning of the caddy or collisions with things and/or people.
- It is highly recommended to turn OFF the remote control when not using the caddy, this will avoid accidental pushing the buttons accidentally and setting the caddy into motion.



## 5.2.1 Remote control synchronizing

If the caddy does not respond to the remote control, it may need to be resynchronized.

1. Power off the caddy for 5 seconds.
2. Turn on the remote control.
3. Press and hold down the STOP button on the remote control.
4. Press and hold down the ON/OFF button on the Control Panel until the green LED light under the battery symbol begins to blink.
5. Release both buttons.
6. The caddy and remote control are now synched.

## 5.3 Braking system

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

## 5.4 Accessories

The caddy can be equipped with the following accessories:

- Score card holder.	- Umbrella holder.
- Cup holder.	- Rain cover
- GPS/Smartphone holder.	- Transport trolley



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<sup>1</sup> The caddy TERRA ELECTRIC FULL is already equipped with all the accessories mentioned.



## 5.5 USB port

Under the main command panel, a USB port type A, is available for charging personal electronic devices, see Fig. L.

**NOTE:** Using the USB port to recharge electrical devices decreases battery autonomy.



Fig. L

## 6 Maintenance

All these recommendations, together with common sense, will help keep your caddy in top condition and ensure its reliability over time.

To keep your caddy looking its best, wipe any mud or grass off the frame and wheels after each use, using a damp cloth or paper towel.

Never use water jets or pressure washers to clean the Caddy to prevent moisture from entering the electronic systems motors, or gearboxes.

Dry your caddy properly after each use.

Weekly, remove the rear wheels from the axle and carefully clean the tires (in this case it is possible to use water jets or low-pressure cleaners) from any debris that could cause the wheels to drag.



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You can apply silicone-based lubricant to keep moving parts smooth and corrosion-free.

Inspect your trolley carefully at least once a year and, if you notice any signs of wear or malfunction, contact GREEN EAGLE GOLF assistance to have them suggest the recommended intervention to guarantee a long life to your caddy.

## 6.1 Troubleshooting guide

Trouble	Possible solution
Caddy does not power up	<ul style="list-style-type: none"><li>• Make sure battery is plugged correctly into caddy.</li><li>• Make sure battery is sufficiently charged. The correct battery voltage range is between 25 ÷ 28 V.</li><li>• Press and hold power button for at least 3 seconds.</li><li>• Make sure power button is engaging circuit board (you should hear a click).</li><li>• Check charger function.</li></ul>
Motor is running but wheels don't turn	<ul style="list-style-type: none"><li>• Check if wheels are attached correctly. You should not be able to pull off wheel.</li><li>• Check connection between controller and motor.</li></ul>
Problems attaching wheels	<ul style="list-style-type: none"><li>• Make sure you are holding the spring clip down.</li><li>• Sand and smooth axle with emery cloth to remove excess paint or burrs.</li></ul>
Remote control doesn't work	<ul style="list-style-type: none"><li>• Check the battery charge.</li><li>• Perform the synchronization procedure described in § 5.2.1</li></ul>



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## 7 Technical data

- Weight: 30 lbs
- Material: Stainless Steel
- Motor: 200W Tubular Twin Motors
- Battery Type: Li-ion
- Battery Capacity: 24V/10Ah
- Distance per Charge: 12 mi
- Battery Life: 1500 charges
- Charging time: 4-6 hours
- Max Speed: 5 mph
- Max Load Capacity: 66 lbs
- Climbing Angle: 35°
- Memory Function: Automatic walk / stop memory
- Speed Selection: 9 different speeds
- Timer function: stop after 33 - 66 - 99 ft
- Start / stop function
- Remote control functions: forward, backward, left, right, brake, on/off
- USB port for mobile or GPS
- Size Folded: 33x27x13 in
- Size Unfolded: 43x24x36 in (adjustable)
- Shipping Box Weight: 33lbs
- Shipping Box Dimensions: 31.5x13.7x11.4 Inch
- Wheels Specs:Front wheel diameter: 6 Inch, Rear wheel diameter: 12 Inch, Non-swivelling front wheel.



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## 8 Customer service - technical assistance

In case of need to communicate malfunctions of your caddy or order spare parts not present on our e-commerce, contact GREEN EAGLE GOLF assistance at the following contact details.



Website: [www.greeneaglegolf.com](http://www.greeneaglegolf.com)

E-mail: [support@greeneaglegolf.com](mailto:support@greeneaglegolf.com)

Telephone: (786) 912-2571



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