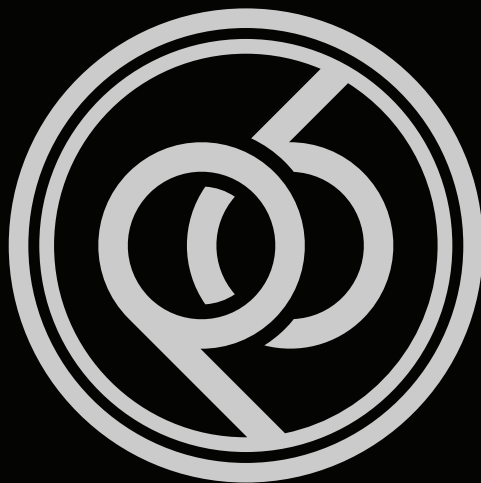




POWERBUG

ELECTRIC GOLF TROLLEY USER GUIDE

**PLEASE READ THE USER MANUAL CAREFULLY
BEFORE ASSEMBLING YOUR GOLF TROLLEY
FOR THE FIRST TIME**

TROLLEY ASSEMBLY

WHEEL FITTING

1. Remove the trolley frame, two rear wheels and battery from the carton.
2. Remove the protective cover from the axles, and pay attention to the “L” and “R” stickers on the underside of the wheels as the wheels are handed as viewed from behind the trolley.
3. To attach the wheels, push the green lever across as shown in the picture.
Place the wheel on to the axle ensuring that the drive pins on the axle go into the slots in the wheel.

Once engaged, release the button, the wheels are now locked in and ready to use!



TROLLEY ASSEMBLY

UNFOLDING



Step 1:
Pull back the locking tab on the trolley's frame.



Step 2:
Lift the A frame away from the main trolley frame.



Step 3:
Lift and fully extend the trolley main frame.



Step 4:
Locate the A frame with the main frames hinge locking point.



Step 5:
Push the silver button whilst locking frame together.



Step 6:
Position the upper and lower bag supports.

TROLLEY OPERATION



To power up the trolley:

Place your battery into the battery tray and connect the power lead as pictured.

Take note of the white arrow facing outwards.

POWERING THE TROLLEY



USB Device Charging Port:

This trolley features a USB charging port designed to charge mobile or GPS devices whilst out on the golf course.

Simply remove the USB cover on the under side of the handle and plug your USB lead into the port.

Your device will charge whilst the trolley is in use.

The USB charging point has a low charging rate so will not be suitable for fast-charging your device.

The USB charger takes power from the main trolley battery. Continuous charging can reduce the battery capacity.

The USB charging will be disabled when the battery capacity reaches a preset level.

TROLLEY OPERATION

CART BAG MOUNTING

Lift your Cart Bag onto the trolley and secure it using the elasticated straps.



TROLLEY ASSEMBLY

CART BAG MOUNTING

The cart bag support straps can be adjusted to accomodate different bag sizes.



Step 1:

The pictured bag support is too long and needs to be shortened.



Step 2:

Unhook the bag support elastic from the mounting tab.



Step 3:

Slide the mounting tab down the elastic material until the desired length is achieved.



Step 4:

Hook the elastic material back in to the mounting tab to secure it.

TROLLEY OPERATION

FRONT WHEEL SETTING



In the unlikely event your trolley is not running in a straight line, you can easily calibrate the front wheel using the adjusters on either side of the front wheel assembly.

To adjust the front wheel:

1. Release the quick release handle.
2. Turn the adjusters on either side of the wheel housing to adjust the wheel alignment.
3. Lock the quick release lever.

TROLLEY OPERATION

FREE WHEELING

Insert wheel fully onto axle for electric drive (Picture 1)

Insert wheel part way onto axle for use as a push trolley (Picture 2)



Picture 1



Picture 2

PLEASE NOTE! There are two grooves on the drive axle. The drive wheels have two positions.

Picture 1: The wheel is fully inserted to the inner groove for electric drive.

Picture 2: The wheel is partially inserted to the outer groove for push trolley use.

TROLLEY OPERATION

Simply turn the speed control button clockwise or anti-clockwise to adjust the speed.

Push the speed control button down to activate and de-activate the trolley

The speed can be adjusted at any time by rotating the button clockwise to increase or anticlockwise to decrease.



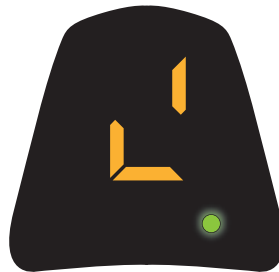
SPEED CONTROL

Indicator lights:

Power light (Bottom right):	Green:	Battery capacity is sufficient.
	Red:	The battery needs to be charged.
Numeric Display:	1-3:	Lower speed
	3-5:	Middle speed
	6-9:	Highest speed

VRAP: Variable Run And Park

1. Set the speed that you would like the trolley to travel by rotating the speed control button.
2. Depress and hold down the speed control button until the bars on the LED display begin to rotate in a clockwise direction. VRAP mode has now been activated.
3. To set the distance the trolley will travel, select between 1-5 on the display.
4. Press the speed control button once more and the trolley will run to the selected distance and park. The lower left hand Green LED will flash when VRAP is in operation.



VRAP: Variable **R**un **A**nd **P**ark

<i>NUMBER DISPLAYED</i>	1	2	3	4	5
<i>DISTANCE (Y)</i>	10	20	30	40	50

All distances indicated are approximate and it is advised that testing of VRAP is performed to your satisfaction before activation 'on course'.

Please ensure that when using VRAP it is safe to do so and that the direction of intended travel is clear of any obstructions. Use VRAP at your own risk.

- Indicating light “1”:** The power indication light, when on shows the battery is connected and the system is powered.
- Indicating light “2”:** The output indication light, it shows the E.C.U. is operating correctly.
- Indicating light “3”:** The movement indication light, when on it shows the trolley is running and operating correctly.



LITHIUM BATTERY & CHARGER PRECAUTIONS

- Do not short circuit the battery under any circumstances, as it may generate heat. To avoid short circuiting, do not allow the battery to come into contact with metal objects not designed for general use with this battery.
- Do not expose the battery to fire, as it may swell or explode. Do not put batteries in a microwave oven or pressure cooker. Do not store at or use near any type of heat source, especially temperatures above 60 Degrees Celsius.
- Do not disassemble the battery. Do not take off the batteries protective cover or bag.
- Do not deform the battery by applying pressure. Do not throw, hit, drop or impact the battery. Do not penetrate the battery with nails or other tools. Do not subject the battery to any mechanical damage. If damaged, return it to the manufacturer for a technical inspection.
- Do not submerge the battery in water or any type of liquid.
- Do not use batteries with chargers or machines other than those expressly recommended by Wizza LTD
- Do not use any charger which is not specified for the battery. Do not charge the battery under conditions which are not specified in the manual.
- Do not charge the battery in an environment with flammable substances.
- Do not mistreat the battery, or use the battery in applications which are not recommended by the provider of the battery.
- The charger is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use by a person responsible for their safety.
- Please note batteries are a consumable item and are not a 'return to store' product. It is important that you pay strict attention to the battery charging instructions as incorrect charging will invalidate your manufacturers warranty. Please register your purchase in the warranty section found online at: www.powerbug.co.uk.

TECHNICAL SPECIFICATION

TROLLEY TECHNICAL SPECIFICATIONS

Material	Nylon & Aluminium
Max Speed	7.5 Km/h (Lead Acid) / 10 Km/h (Lithium)
Max Load Capacity	20 Kg
Distance Per Charge	18 Holes Plus (Depending on Battery)
Net Weight (Without Battery)	8.2 Kg
Maximum Climbing Ability	20 Degrees
Product Dimensions (Un-Folded)	1180 x 560 x 980 (mm)
Product Dimensions (Folded)	810 x 560 x 300 (mm)
Tyres	Airless High Traction

CHARGER TECHNICAL SPECIFICATIONS

Type	Input	Output
Standard Lithium	100V - 240V AC	12V DC - 2.0 A
Mini Lithium	100V - 240V AC	12V DC - 3.0 A

BATTERY INFO

Type	Capacity	Voltage	Weight	No. Of Cycles
Mini Lithium	13.2 AH	14.8 V	1 KG	>1000 Times
Standard Lithium	16.8 AH	12 V	2.2 KG	>1000 Times

P6



Manufacturer:

WIZZA LTD
THE BERKSHIRE GARDENER
BATH ROAD READING
RG10 9SB UNITED KINGDOM

Verification of CE Compliance – No:

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