

POWER GLIDE



by **IGO**

USER MANUAL

***Thank you for purchasing your I-GO product.
We are delighted you have chosen I-GO for
your mobility needs.***

CONTENTS

Introduction	1
Safety Procedures	1
Installation Instructions	2-3
Handle Set Operation	4
Disassembly & Transportation	5
Battery Charging & Care	5-7
Troubleshooting	8
Specification	9
Warranty	10

DISCLAIMER

We ask that you read this manual completely before operating your I-GO *PowerGlide*.

CareCo (UK) Ltd is not, and cannot be held responsible for, any damage or injury incurred due to improper or unsafe use of the I-GO *PowerGlide*.

CareCo (UK) Ltd specifically disclaims responsibility for any bodily injury or property damage that may occur during any use that does not comply with applicable laws.



INTRODUCTION

- » The **PowerGlide** is a device to aid wheelchair attendants providing extra power for pushing.
- » The **PowerGlide** is designed to work in conjunction with most wheelchairs with seat widths between 16" and 20".
- » The **PowerGlide** is to be controlled by an attendant with a manual wheelchair and with the weight capacity of 250lbs including the chair and user.

SAFETY PROCEDURES

- » Only use the **PowerGlide** for the designated wheelchair user.
- » When connecting / disconnecting the battery, please make sure the power is switched off.
- » Ensure the **PowerGlide** is secured in transit and the battery disconnected.
- » Ensure that the battery is charged only with the battery charger supplied with the **PowerGlide**. Using another battery charger may cause damage or injury.
- » The **PowerGlide** may be susceptible to certain types of electromagnetic waves. Avoid close proximity to mobile phones, commercial broadcast towers and emergency services' radios. Other household appliances are not known to pose any such risk. If involuntary movement occurs, switch off of the **PowerGlide** and report this to your dealer.
- » The **PowerGlide** should not be used when it is snowing or during heavy rain. This may cause damage to the **PowerGlide**. The **PowerGlide** should not be exposed to damp conditions or direct sunlight.

Note: This wheelchair is fitted with attendant cable brakes. On such wheelchairs, the attendant brake levers should be removed prior to fitting. If the attendant brakes do not have a separate parking brake facility, then parking brakes should be added to the wheelchair.

INSTALLATION INSTRUCTIONS

1. Handset Installation

- a. Loosen both knobs on the handset and fit the upper controller to the wheelchair handle. Make sure the handset is secured to the bar by using an Allen Key.



2. Bracket Installation

- a. Install both brackets on the bottom horizontal tubing of the wheelchair using an Allen Key.
- b. Ensure that the screws are sufficiently tight and do not rotate on the tubing.



3. Powerpack Installation

- a. Feed the telescopic bar through the front end of the *PowerGlide*. Loosen the knob on the bar and adjust to the correct length
- b. Tighten the knobs on the bar
- c. Place the two ends of the bar on the rear of the Brackets, then push the *PowerGlide* motor set forward until it locks in position.



4. Battery Pack Installation

Place the battery pack in to the battery bracket as shown in the photograph.



INSTALLATION INSTRUCTIONS

5. Final Connection

- a. Connect the cable from the power pack in to the underneath of the handset. Place the top loop of the lift-up strap around the opposite push handle to the handset.
- b. Connect the cable from the battery pack into the system connector.



- c. Place the top loop of the lift-up strap around the opposite push handle to the handset.
- d. You may change the angle of the motor set by adjusting the screw (see image), according to the frame of your wheelchair. We suggest to keep the motor set as horizontal as possible.



HANDLE SET OPERATION

- » Lift-up strap: The **PowerGlide** comes with a lift-up strap to allow the wheelchair to move when there is no power. Lift up the **PowerGlide** with the red strap and hook the second loop around the push handle. Please note that failure to lift up the **PowerGlide** when reversing may cause the pack to flip over.
- » Maximum Speed: Always set a maximum speed which you are comfortable walking with.
- » Pushing the Wheelchair when Not in Use: We recommend that the power pack is controlled with the lift-up strap when not in use.

HANDLE SET OPERATION



- » **Trigger** – Squeeze the trigger to start the **PowerGlide**. Release the trigger to stop the **PowerGlide**.
- » **Speed Dial** – Turn the dial clockwise to increase the maximum speed of the **PowerGlide**. Turn the dial anticlockwise to reduce the **PowerGlide's** maximum speed.
- » **Direction button** – Press the button forwards or backwards to move in either direction.
- » **Power Eye** – When power is on, a green light will show.

DISASSEMBLY & TRANSPORTATION

1. Switch the *PowerGlide* off at the ignition.
2. Disconnect / unclip the power pack connector from underneath the handset and battery pack.
3. Remove the lift-up strap from the push handle.
4. Lift the battery pack out of the battery tray.
5. Remove the power pack by loosening the knob (see the photo »)



Notes: The battery pack and power pack have fabric handles to make them easier to carry.

BATTERY CHARGING & CARE

Follow the procedure below step by step:

1. Turn the power switch to (OFF)
2. Lift out the battery pack using the handle on the pack.
3. Plug the charger's power cord into the mains.
4. Plug the charger's round plug into the charging socket of the battery pack.
5. Switch on the plug socket.
6. The charger's LED will be orange when charge is recommended.
7. The orange LED will turn green when charging is complete. We strongly recommend charging the *Powerglide* for 8-12 hours after every use. Do not unplug the charger until you have charged this for a minimum of 8 hours.
8. Turn off the charger, disconnect the power cord and the round plug from the battery pack.

SUGGESTION

1. Do not disconnect the charger cord if charging is not completed. The battery life will be seriously shortened or decayed if the battery is repeatedly used without being fully charged. Therefore be sure to charge the battery fully every time. We strongly recommend charging the *Powerglide* for 8-12 hours after every use.

BATTERY CHARGING & CARE

2. Always complete the charging until the LED light turns green. NEVER stop charging before it is complete. The *Powerglide* must be charged for a minimum of 8-12 hours after every use.
3. When fully charged, the battery charger will still trickle charge the battery to ensure optimum range.
4. If you do not use your power pack for a long time, it should be charged at least every week for 12 hours to keep the battery in a fully usable condition.
5. The ambient temperature will affect charging time. Charging time will be longer in the winter.
6. After charging, do not leave the charger socket plugged in to the powerstroll, as this will cause a power drain on the power pack and temporarily reduce its range.
7. The batteries carry an eight-month manufacturer's warranty. This warranty only covers issues relating to manufacturing faults, and not faults relating to failure to recharge the batteries as instructed above.

ATTENTION

Please follow the rules below to avoid accidents while charging:

1. Only use the supplied charger, and recharge the battery to its full capacity every time. You may damage the battery if you use a charger which is not to the correct specification.
2. Never disassemble or modify the charger.
3. Please charge in a well-ventilated space where there is no direct exposure to the sunlight. Do not charge in surroundings where it is humid, raining or dewy.

WARNING

1. Keep away from flammable objects while charging as this may lead to fire or battery explosion.
2. Do not smoke while charging as the battery may release hydrogen gas. Always charge your battery in a well-ventilated space.
3. Never connect or disconnect the plug or cord with wet hands whilst charging. Do not connect or disconnect the plug or cord when they are wet, it may lead to electric shock.



BATTERY CHARGING & CARE

CHARGER

The charger supplied has an LED which changes colour depending on its status:

- » If the LED is lit ORANGE then the charger is switched on and charging.
- » If the LED is lit GREEN then the charger is switched on and has finished the bulk of its charging and the batteries can be used. However, we recommend that you leave the charger charging for a couple of hours after the green LED comes on. Ensure the powerstroll has been on charge for a minimum of 8-12 hours for every charge. This will maintain and probably increase the capacity of your batteries.
- » The LED will also illuminate GREEN if the charger is switched on but not connected to the batteries.

BATTERIES

- » Do not expose the battery pack to temperatures below -10° or above 50°C when charging or storing.
- » The batteries are maintenance free and there is no need to inspect the battery liquid or refill with water.
- » The battery pack contains two 12V 12ah batteries.

CHARGING THE BATTERIES

- » Using the charger supplied, the charging duration is about 8 hours.
- » However, to ensure optimum performance we recommend a 12-hour charge.
- » We also recommend that the batteries are not charged for more than 24 hours.
- » When only two light indications shown on the battery meter, it will start to flash as a reminder to charge the powerstroll.

TROUBLESHOOTING

1. If the wheelchair does not move when trigger is pressed:

- » Check the **PowerGlide** is switched on.
- » Check the battery is fully charged.
- » Check the connection between the battery and motor is correct.
- » Check the wheelchair brakes are not applied.
- » Check the drive wheel is in contact with the ground.
- » Check battery pack fuse (see the photo).



2. Wheelchair is difficult to push manually:

- » Check the wheelchair brakes are not applied.
- » Remove **PowerGlide**.

3. The PowerGlide is too fast / slow:

- » Try varying the speed with speed dial.
- » Try recharging the batteries (if too slow).
- » Check the wheelchair brakes are not applied.

4. The power eye flashes abnormally:

CODE	STATUS
1	The battery voltage is too low
2	Need to charge the battery
3	The battery voltage is too high
4	The battery current is too high
5	Controller/motor is high temperature
7	Speed dial error
8	Controller error
9	Short circuit of motor



SPECIFICATION



Weight:	14kg (weight with battery)
	6kg (battery pack)
Max speed:	5 km/h
Max gradient:	6°
Weight capacity:	(115kg) including wheelchair & user
Motor:	12V 100W 4100RPM
Battery:	12V 20ah Sealed Lead Acid
Charger:	3A 12V output

WARRANTY

Your I-GO branded *PowerGlide* is under warranty to be free from defects in material and workmanship for one year from date of receipt. This warranty expresses our confidence in the workmanship and materials used for our products

Warranty Period:

Main Unit – 12 months limited warranty

Batteries – 8 months limited warranty

In the event of a defect covered by the warranty, please contact CareCo, who will at their discretion replace the product or supply parts to remedy. This warranty does not cover device failure due to owner misuse or negligence, or due to normal wear and tear. The warranty does not extend to non-durable parts such as upholstery and tyres unless such items require repair or replacement clearly as a direct result of a manufacturing or material defect.

The above warranty conditions apply to brand new units purchased at full retail price and is not transferrable.

Under normal circumstances, no responsibility will be accepted where the unit has failed as a direct result of:

1. The unit not having been maintained in accordance with the manufacturer's recommendations
2. Failure to use the manufacturer's specified parts
3. The unit or part being damaged due to neglect, accident or improper use (including water damage)
4. The unit or part being altered from the manufacturer's specifications or repairs having been attempted before the service agent is notified

The manufacturer reserves the right to alter, without notice, any weights, measurements or technical data shown in this manual. All figures, measurements and capacities show in this manual are approximate and do not constitute specifications.

