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Golden Technologies GP303

Golden Ally GP303 Power Wheelchair User Manual

Model: GP303

1. INTRODUCTION

Welcome to the Golden Ally GP303 Power Wheelchair User Manual. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new Golden Ally power wheelchair. Please read this manual thoroughly before operating the device to ensure proper use and to maximize your experience.

The Golden Ally GP303 is designed to offer the strength and stability of a traditional power chair while maintaining a lightweight and portable form factor, making it an ideal travel companion. Its maneuverability is excellent for indoor use, and its robust design with pneumatic rear drive wheels ensures a comfortable outdoor experience.

2. SAFETY INFORMATION

2.1 General Safety Precautions

- Always ensure the power wheelchair is fully charged before extended use.
- Do not operate the wheelchair under the influence of alcohol or medication that impairs judgment.
- Always use seatbelts if equipped and recommended.
- Avoid operating on steep inclines or uneven terrain that exceeds the wheelchair's capabilities.
- Keep hands and clothing clear of moving parts.
- Consult a healthcare professional for proper seating and positioning.

2.2 Battery Safety

- Use only the charger provided by Golden Technologies.
- Do not expose the battery to extreme temperatures or direct sunlight.
- Do not puncture, disassemble, or short-circuit the battery.
- If the battery shows signs of damage or overheating, discontinue use immediately and contact customer support.
- The lithium-ion battery is removable and weighs 5 lbs.

2.3 Operating Environment

- Be aware of your surroundings, especially in crowded areas.
- Exercise caution when navigating ramps, thresholds, and uneven surfaces.

- The wheelchair is equipped with standard built-in head and rear marker lights for visibility.

3. PRODUCT OVERVIEW

The Golden Ally GP303 is designed for comfort, portability, and ease of use. Below are key features and components.

3.1 Key Features

- **Simple Folding Mechanism:** Manual folds with ease for travel, including airline and cruise ship compatibility.
- **Smart Control Mobile App:** Control the Golden Ally with a dedicated mobile application.
- **Easy Maneuverability:** A tight turning radius of only 28.5 inches makes it perfect for indoor use.
- **Comfortable Seating:** Equipped with memory foam seating for enhanced comfort during use.
- **Ergonomically Designed:** Specially designed seating and foot positions ensure proper posture.
- **Ultra Lightweight:** The lithium-ion battery weighs 5 lbs. The scooter weighs only 49.5 lbs after battery removal.
- **Charge On The Go:** Features USB ports on the armrest for convenient device charging.
- **Stay Visible:** Standard built-in head and rear marker lights enhance safety.
- **Easy To Store:** Designed to fit in the trunk of most vehicles.

3.2 Components



Figure 3.2.1: Golden Ally GP303 Power Wheelchair (Black model). This image shows the overall design of the wheelchair, highlighting its compact and modern appearance with the joystick control on the armrest and a storage basket underneath the seat.



Figure 3.2.2: Side view of the Golden Ally GP303 Power Wheelchair (Teal model). This perspective illustrates the ergonomic design, the position of the footrest, and the large rear drive wheels, emphasizing its stability and comfort.



Figure 3.2.3: Close-up of the Golden Ally GP303 joystick controller. The display shows battery percentage (83%), current speed (0.0 MPH), and speed settings (1-5). Buttons for power, SOS, function, and horn are visible.



Figure 3.2.4: Detailed view of the Golden Ally GP303's memory foam seat. This image highlights the comfortable cushioning and the durable fabric, emphasizing the ergonomic design for user comfort.

4. SETUP

4.1 Unfolding the Wheelchair

1. Place the folded wheelchair on a flat, stable surface.
2. Grasp the frame and gently pull the two halves apart until the chair fully extends and locks into place. Ensure all locking mechanisms are engaged.
3. Lower the seat and footrest into their operational positions.



Figure 4.1.1: The Golden Ally GP303 in its folded state, demonstrating its compact design for easy storage and transport. The image shows the wheels and frame neatly tucked together.

4.2 Battery Installation and Charging

1. Locate the battery compartment, typically under the seat or at the rear of the frame.
2. Insert the lithium-ion battery (5 lbs) into the compartment, ensuring it clicks securely into place.
3. Connect the off-board charger to the charging port on the wheelchair and then to a standard electrical outlet.
4. Allow the battery to fully charge before first use. The charging indicator on the controller or charger will show charging status.



Figure 4.2.1: A hand demonstrating the installation or removal of the removable lithium battery from the Golden Ally GP303. The battery slides into a designated slot on the wheelchair frame.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- To power on, press the power button on the joystick controller. The display will illuminate.
- To power off, press and hold the power button until the display turns off.

5.2 Driving the Wheelchair

- Use the joystick to control direction and speed. Push forward to move forward, pull back to move backward, and push left/right to turn.
- The maximum speed is 5 mph. Adjust speed settings using the speed control buttons on the joystick (typically indicated by arrows or numbers 1-5).
- The wheelchair has a tight turning radius of 28.5 inches, ideal for indoor navigation.
- Electro-mechanical brakes engage automatically when the joystick is released.

5.3 Smart Control Mobile App

The Golden Ally can be controlled via a dedicated mobile application. Refer to the app's instructions for pairing and usage. The app allows for remote control and potentially access to additional features and diagnostics.

5.4 USB Charging Port

A USB port is conveniently located on the armrest, allowing you to charge your personal electronic devices while using the wheelchair.

6. MAINTENANCE

6.1 Cleaning

- Wipe down the frame and seat with a damp cloth and mild detergent. Avoid harsh chemicals.
- Do not spray water directly onto electrical components.

6.2 Battery Care

- Charge the battery regularly, even if the wheelchair is not in frequent use, to prolong its lifespan.
- Store the battery in a cool, dry place when not in use.

6.3 Tire and Wheel Inspection

- Regularly check the pneumatic drive wheels (10") for proper inflation and wear.
- Inspect the solid casters (6") and anti-tip wheels (2") for any damage or debris.
- Ensure all wheels spin freely and are securely attached.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Wheelchair does not power on.	Battery not installed correctly or discharged.	Ensure battery is fully inserted and charged. Check power button.
Wheelchair moves slowly or erratically.	Low battery charge; joystick malfunction; freewheel mode engaged.	Charge battery. Check joystick for debris. Ensure freewheel mode is disengaged.
Joystick handling delay.	Potential controller issue or software lag.	Restart the wheelchair. If problem persists, contact customer support.
Unusual noises during operation.	Loose components; motor issue; debris in wheels.	Inspect for loose parts. Check wheels for obstructions. Contact support if noise continues.

8. SPECIFICATIONS

Feature	Detail
Model Number	GP303
Weight Capacity	330 lbs.
Drive Wheels	Rear
Maximum Speed	5 mph
Operating Range	9 miles
Ground Clearance	2.5"
Turning Radius	28.5"
Battery Type	12 AH Lithium-Ion
Colors Available	Green, White, Black

Feature	Detail
Freewheel Mode	Yes
Electronic Speed Control	Yes
Electro-Mechanical Brakes	Yes
Charger	Off Board
Controller	40 Amp Remote
Assembled Dimensions (L x W x H)	41" x 24.5" x 36"
Weight of Unit (assembled)	56 lbs.
Heaviest Piece (without battery)	49.5 lbs.
Battery Weight	5 lbs.
Drive Wheel Tires	10" Pneumatic
Caster Tires	6" Solid
Anti-Tip Wheels	2"
Standard Seat Back Height	18" (no headrest)
Standard Seat Width x Depth	17" x 16"
Seat Color	Black Fabric
Footrest	Height adjustable (1" increments)



Standard Colors

White

Teal

Black

**Folds Easily
Drives Remotely**

Ally GP303 GOLDEN Ally
Powered by Robooter

Experience freedom with the new Golden Ally™, our new power chair designed to provide the strength and solid feel of a traditional chair yet remaining light weight and portable enough to be the perfect travel partner. Enjoy the maneuverability indoors with its tight turning radius or take on an outdoor adventure and appreciate its great ride quality and capability, compliments of its large, pneumatic rear drive wheels. Its comfortable seating and foot positions will be a welcome change from the compromises of the typical travel chair. With a durable, long-lasting battery and a user-friendly, intelligent interface, navigate any environment with ease and confidence. Move effortlessly with the Ally – your perfect travel partner.

Standard Features:

- Simple folding Mechanism
- Smart Control Mobile App
- Tight Turning Radius
- Memory Foam Seating
- Ergonomically Designed Seating & Foot Positions
- Removable Lithium-Ion Battery
- System Monitoring with Voice Fault Alerts
- Built-in Head & Rear Marker Lights
- USB A&C Ports on Arm Rest



Figure 8.1: Golden Ally GP303 product brochure page, detailing standard colors (White, Teal, Black) and key features

such as simple folding, remote driving, memory foam seating,
and USB ports.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Golden Technologies provides the following limited warranty for the Golden Ally GP303:

- **Frame:** 5 Years
- **Drive Train:** 13 Months
- **Electronics:** 13 Months
- **Batteries:** 12 Months

Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects under normal use. It does not cover damage due to misuse, accidents, or unauthorized modifications.

9.2 Customer Support

For technical assistance, parts, or warranty inquiries, please contact Golden Technologies customer support.

- **Manufacturer:** Golden Technologies
- **Website:** www.goldentech.com
- **Phone:** Refer to Golden Technologies official website for current contact numbers.