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Yuwell D210B Electric Wheelchair User Manual

Important information for safe and effective use.

1. INTRODUCTION

Welcome to the Yuwell D210B Electric Wheelchair user manual. This document provides essential instructions for the safe operation, maintenance, and care of your new electric wheelchair. Please read this manual thoroughly before first use to ensure proper function and user safety. Keep this manual for future reference.

2. SAFETY INFORMATION

Your safety is paramount. Adhere to the following guidelines to prevent injury or damage to the wheelchair.

- Always read and understand all instructions before operating the wheelchair.
- Ensure the battery is fully charged before extended use.
- Do not exceed the maximum weight capacity of **120 kg**.
- Operate the wheelchair on stable, level surfaces. Avoid steep inclines, uneven terrain, or obstacles that could cause instability.
- Always engage the electromagnetic brakes when stationary or when transferring in and out of the wheelchair.
- Keep hands, feet, and clothing clear of all moving parts, especially wheels and motors.
- Consult a healthcare professional for proper fitting and usage guidance, especially if you have specific mobility needs.
- Do not operate the wheelchair under the influence of alcohol or medication that impairs judgment.

3. PRODUCT OVERVIEW

The Yuwell D210B is a compact, aluminum-framed electric wheelchair designed for comfortable and efficient mobility. Familiarize yourself with its key components.

Key Components



Figure 1: Front-side view of the Yuwell D210B Electric Wheelchair, highlighting its compact design and control joystick.

This image shows the overall structure of the Yuwell D210B Electric Wheelchair, including the seat, backrest, armrests, footrests, wheels, and the intelligent control joystick.



Figure 2: Side view of the Yuwell D210B Electric Wheelchair, illustrating the wheel configuration and aluminum frame.

This image provides a side perspective, detailing the large rear drive wheels, smaller front caster wheels, and the lightweight aluminum frame construction.



Figure 3: Close-up of the intelligent controller (joystick) for the Yuwell D210B Electric Wheelchair.

This image focuses on the intelligent controller, showing the joystick for directional control and buttons for power, speed adjustment, and mode switching.

4. SETUP

Unfolding the Wheelchair

The Yuwell D210B features a horizontal folding design for convenient transport and storage.

1. Place the folded wheelchair on a flat, stable surface.
2. Gently pull the armrests outwards until the frame fully extends and locks into place. Listen for a click to confirm locking.
3. Ensure the seat and backrest are securely positioned and flat.
4. Lower the footrests into their operational position.



Figure 4: The Yuwell D210B Electric Wheelchair in its folded configuration, demonstrating its compact storage capability.

This image illustrates the wheelchair in its folded state, ready for transport or storage.

Battery Installation and Charging

The wheelchair is powered by a lead-acid battery. Proper installation and charging are crucial for performance.

1. Locate the battery compartment, typically beneath the seat or at the rear of the frame.
2. Insert the battery pack, ensuring it is securely connected to the wheelchair's electrical system.
3. Connect the charger to the charging port on the intelligent controller or directly to the battery pack.
4. Plug the charger into a standard electrical outlet.
5. Charge the battery fully before first use. Refer to the charger's indicator lights for charging status (e.g., red for charging, green for fully charged).
6. Disconnect the charger once charging is complete. Do not overcharge.

5. OPERATING THE WHEELCHAIR

Power On/Off

To power on the wheelchair, press the power button on the intelligent controller. Press it again to power off.

Driving

Use the joystick on the intelligent controller for directional control.

- Push the joystick forward to move the wheelchair forward.
- Pull the joystick backward to move the wheelchair backward.
- Push the joystick left or right to turn the wheelchair in the respective direction.
- Release the joystick to stop. The electromagnetic brakes will automatically engage, ensuring a safe stop.

Speed Adjustment

Use the speed control buttons (+ and -) on the controller to adjust the maximum speed. The Yuwell D210B has a maximum speed of **6 km/h**.

Manual/Electric Mode Switching

The wheelchair can be operated in both electric and manual modes. Locate the designated lever or button (usually near the rear wheels or on the motor housing) to switch between modes. In manual mode, the wheelchair can be pushed by an attendant, and the motors are disengaged.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Yuwell D210B Electric Wheelchair.

Cleaning

Clean the wheelchair regularly with a damp cloth and a mild, non-abrasive detergent. Avoid using excessive water, harsh chemicals, or abrasive cleaners, as these can damage electronic components or finishes.

Battery Care

- Charge the battery regularly, even if the wheelchair is not in frequent use, to prolong its lifespan.
- Avoid fully discharging the battery, as this can reduce its overall capacity and lifespan.
- Store the battery in a cool, dry place when not in use.
- If storing the wheelchair for an extended period, ensure the battery is fully charged and periodically recharged.

Tire and Wheel Inspection

Regularly check the tires for signs of wear, punctures, or damage. Ensure all wheels are securely attached and rotate freely. The front wheels are 8-inch wide tires, and the rear wheels are 12-inch wide tires.

General Inspection

Periodically inspect all bolts, screws, and connections to ensure they are tight and secure. Check for any loose or damaged components and address them promptly.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Yuwell D210B Electric Wheelchair.

Problem	Possible Cause	Solution
Wheelchair does not power on.	Battery not charged or not connected; power button issue.	Ensure battery is fully charged and properly connected. Check if the power button is pressed firmly.
Wheelchair moves slowly or erratically.	Low battery charge; speed setting too low; obstruction around wheels.	Charge the battery fully. Increase the speed setting on the controller. Check for and remove any obstructions around the wheels.
Brakes not engaging properly.	Issue with the electromagnetic brake system.	Immediately cease use. Contact Yuwell customer support for assistance. Do not use the wheelchair if the brakes are faulty.
Wheelchair makes unusual noises.	Loose components; motor issue; obstruction.	Inspect for loose parts and tighten. Check for obstructions. If noise persists, contact customer support.

For issues not listed here, or if troubleshooting steps do not resolve the problem, please contact Yuwell customer support for professional assistance.

8. SPECIFICATIONS

Technical specifications for the Yuwell D210B Electric Wheelchair.

Feature	Detail
Brand	Yowell
Model Number	D210B

Feature	Detail
Frame Material	Aluminum
Maximum Speed	6 Kilometers per Hour
Maximum Weight Capacity	120 Kilograms
Item Weight	34 Kilograms
Package Dimensions	76 x 76 x 52 cm
Power Source	Battery Powered (Lead Acid Battery)
Brake Style	Electromagnetic
Wheel Type	Spoke Wheel (Front: 8-inch, Rear: 12-inch)
Noise Level	<65 dB
Country of Origin	China

Note: Specifications are subject to change without notice.

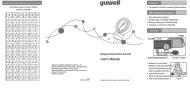
9. WARRANTY AND SUPPORT

For detailed warranty information, technical support, or service inquiries regarding your Yuwell D210B Electric Wheelchair, please refer to the documentation included with your purchase. It is recommended to keep your purchase receipt as proof of purchase for any warranty claims. You may also contact Yuwell customer service directly through their official website or contact channels for assistance.

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Related Documents - D210B

	<p><u>Yuwel Oximeter Instruction Manual</u></p> <p>A comprehensive guide for the Yuwell Oximeter, detailing its features, operation, safety precautions, and technical specifications for accurate blood oxygen and pulse rate monitoring.</p>
	<p><u>Concentrador de Oxígeno YUWELL 7F-5 para Hogar: Especificaciones y Características</u></p> <p>Información detallada sobre el concentrador de oxígeno YUWELL 7F-5 para uso doméstico, incluyendo especificaciones técnicas, ventajas comparativas, quién lo usa, certificaciones y garantía.</p>

	<p><u>Yuwell Aneroid Sphygmomanometer User Manual: Blood Pressure Measurement Guide</u></p> <p>This user manual provides instructions for the Yuwell Aneroid Sphygmomanometer, covering its structure, use, maintenance, and performance indexes for accurate blood pressure measurement. It includes details on how to operate the device safely and effectively.</p>
	<p><u>Yuwell YT306/YT308/YT316/YT318 Medical Electronic Thermometer User's Manual</u></p> <p>User manual for Yuwell medical electronic thermometers (models YT306, YT308, YT316, YT318), providing instructions for use, safety notes, maintenance, troubleshooting, and technical specifications for accurate body temperature measurement.</p>
	<p><u>Yuwell M102 Mesh Nebulizer User Manual</u></p> <p>Comprehensive user manual for the Yuwell M102 mesh nebulizer, covering features, operation, maintenance, troubleshooting, and safety information. Includes product specifications, usage instructions, cleaning procedures, and warranty details.</p>
	<p><u>yuwell YT-2 Infrared Thermometer User Manual and Technical Instructions</u></p> <p>Comprehensive user manual and technical instructions for the yuwell YT-2 Infrared Thermometer, covering setup, usage, maintenance, troubleshooting, and technical specifications.</p>