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> [VERPAL Lightweight Electric Wheelchair User Manual \(Model: B0FSD91PQ2\)](#)

VERPAL B0FSD91PQ2

VERPAL Lightweight Electric Wheelchair User Manual

Model: B0FSD91PQ2

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1. INTRODUCTION

This manual provides essential information for the safe and effective use of your VERPAL Lightweight Electric Wheelchair (Model: B0FSD91PQ2). Please read it thoroughly before operating the device to ensure proper function, safety, and longevity of your wheelchair. This electric wheelchair is designed to provide mobility assistance for adults and seniors, featuring a lightweight, foldable design suitable for various terrains and travel.

2. SAFETY INFORMATION

Your VERPAL electric wheelchair is equipped with multiple safety features. Always prioritize safety during operation.

- **Electromagnetic Brakes:** The wheelchair automatically parks when the controller is released, ensuring stability.
- **Rear Anti-Skid Wheels:** Designed to prevent tipping backward, enhancing stability on inclines.
- **Seat Belt:** Always use the seat belt to secure yourself in the wheelchair during operation.
- **Tires:** Equipped with 9-inch tires for stable movement.
- **Voice Button:** Includes call for help, horn, and reverse warning. This feature can be disabled if

preferred.

- **LED Night Light:** A 10-watt LED light is integrated for improved visibility in low-light conditions.
- **Battery Level Indicator:** Monitor battery status to avoid unexpected power loss.

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2 Driving Modes: Push and Electric



Figure 2.1: Intelligent Electromagnetic Brake system, automatically engaging when the controller is released, ensuring immediate parking and stability.

Intelligent Electromagnetic Brake

- Automatic braking upon release of the controller
- The Wheelchair will automatically park after braking

Note: You can use the controller to start the electric wheelchair from any direction.

braking distance <0.5m / tire locking function

Figure 2.2: Overview of safety features including anti-slip rear wheels, a secure seatbelt, wide honeycomb tires for stability, and the SOS/Mute functions on the controller.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all the following items are included:

- 1 x VERPAL Electric Wheelchair
- 1 x Lithium Battery (6Ah)
- 1 x Charger
- 1 x User Manual

- 1 x LED Night Light



Carbon Fiber hydro-dip Aluminum



Packing List



Electric Wheelchair*1



Battery*1



Charger*1



User Manual*1



LED Light*1

Figure 3.1: The complete packing list for the VERPAL electric wheelchair, ensuring all components are present for assembly and use.

4. SETUP

4.1 Unfolding the Wheelchair

The VERPAL electric wheelchair features a one-step folding design for easy portability. To unfold, simply

release the locking mechanism and extend the frame until it clicks into place.



Figure 4.1: The wheelchair's foldable design allows it to be easily stored in a car trunk or carried onto an airplane, highlighting its portability.

4.2 Attaching the Controller

The controller can be mounted on either the left or right armrest for user convenience. Secure it firmly using the provided attachment mechanism.

Your browser does not support the video tag.

Video 4.1: This video demonstrates the process of mounting the controller onto the armrest, ensuring it is securely attached for operation.

4.3 Battery Installation

Insert the 6Ah lithium battery into its designated slot under the seat. Ensure it is securely latched. The battery can be charged while installed or removed for external charging.

Your browser does not support the video tag.

Video 4.2: This video illustrates how to remove and install the battery, as well as how to switch between manual and electric modes.

4.4 Footrest and Armrest Adjustment

Adjust the footrests to a comfortable position. The armrests can be lifted for easier ingress and egress from the wheelchair.



Figure 4.3: Details of the comfortable seat design, including the 2-inch thick sponge cushion, liftable armrests for easy access, a 10° reclining backrest, and an extended footrest for support.

5. COMPONENTS OVERVIEW

5.1 Joystick Controller

The 360° control joystick allows for precise maneuverability. It includes buttons for power on/off, acceleration, deceleration, horn, LED light, and SOS/Mute functions.



Figure 5.1: Detailed view of the 360° control joystick, highlighting its various buttons for power, speed adjustment, horn, LED light, and SOS/Mute functions.

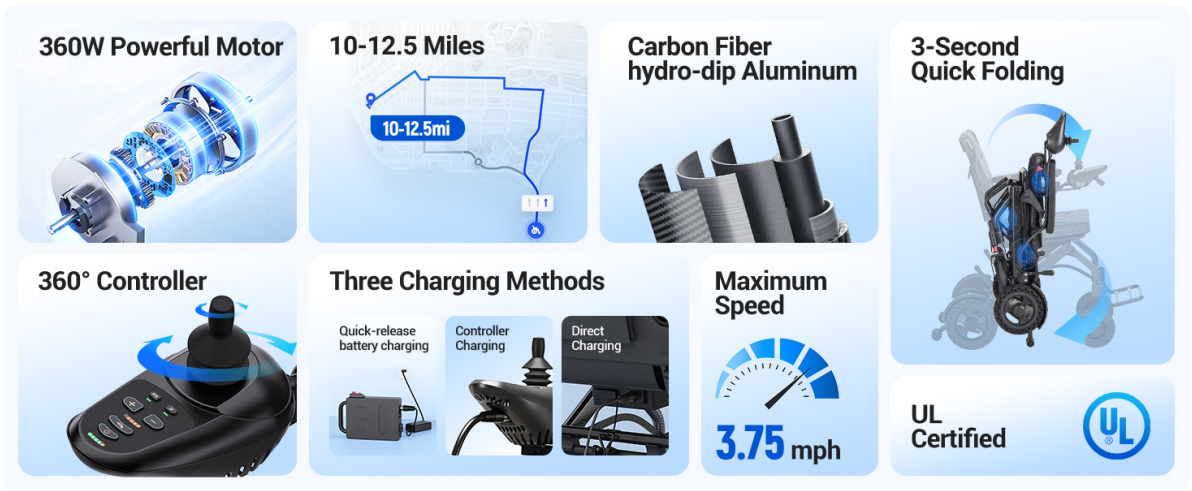


Figure 5.2: The 360° control joystick also features an integrated LED light with a USB port for charging small devices, along with SOS and Mute functionalities.

5.2 Battery

The wheelchair is powered by a 6Ah lithium battery, offering a range of 10-12.5 miles and a lifespan of over 1,500 charge cycles. It provides enhanced safety and durability.



5+ YEARS

1500+Cycles 2xLifespan 5xSafety

Lithium Battery



10-12.5 Miles
Driving Range

0-3.75 Mph
Adjustable Speed



Figure 5.3: The high-performance lithium battery offers a long lifespan of over 5 years and 1500+ cycles, providing a driving range of 10-12.5 miles with an adjustable speed of 0-3.75 MPH.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off and Driving

Press the power button on the joystick to turn the wheelchair on. Use the joystick to control direction and speed. The acceleration and deceleration buttons allow for fine-tuning of speed up to 3.5 MPH.

Your browser does not support the video tag.

Video 6.1: This video provides a comprehensive guide on how to operate the VERPAL electric wheelchair, including powering on, driving, and using various controls.

6.2 Switching Between Manual and Electric Modes

The wheelchair can be operated in both electric and manual push modes. To switch to manual mode, disengage the motors using the levers near the rear wheels. This allows an attendant to push the wheelchair from behind when the power is off.



Figure 6.2: The wheelchair supports two modes of operation: manual push mode for attendant assistance and electric mode for independent driving.

6.3 Charging the Battery

The battery can be charged in three ways: directly on the wheelchair via the controller, by connecting the charger to the battery while it's installed, or by removing the battery and charging it separately. A full charge takes approximately 4 hours.



Figure 6.3: Three convenient charging methods are available: charging the battery directly, charging via the controller, or removing the battery for external charging.

7. MAINTENANCE

- Regularly inspect tires for wear and proper inflation.
- Keep the wheelchair clean by wiping with a damp cloth. Avoid harsh chemicals.
- Check all screws and fasteners periodically to ensure they are tight.
- Store the wheelchair in a dry, cool place when not in use.
- Charge the battery regularly, even if not in frequent use, to maintain its lifespan.

8. TROUBLESHOOTING

8.1 Wheelchair Not Powering On

- Check if the battery is properly installed and fully charged.
- Ensure all electrical connections are secure.
- Verify the power button on the joystick is pressed.

8.2 Difficulty Maneuvering

- Ensure the joystick is functioning correctly and not obstructed.
- Check if the wheelchair is in electric mode and not manual push mode.
- Inspect wheels for any obstructions or damage.

8.3 Unusual Noises

- Stop operation immediately and inspect the motors and wheels for any foreign objects.
- If the noise persists, contact customer support.

9. SPECIFICATIONS

Feature	Detail
Model	B0FSD91PQ2
Product Dimensions (Unfolded)	16.1"D x 17.3"W x 19.7"H (Seat Width: 15.75")
Product Dimensions (Folded)	21.46"D x 9.84"W x 29.13"H
Item Weight	35 Pounds
Motor Power	360W Dual Motor
Battery Type	6Ah Lithium Battery
Max Speed	3.5 MPH

Feature	Detail
Driving Range	10-12.5 Miles
Max Climbing Angle	12°
Max Obstacle Clearance	2 inches
Load Capacity	Up to 220 lbs
Frame Material	Aluminum Alloy and Carbon Fiber



Figure 9.1: Detailed dimensions and technical parameters for the VERPAL electric wheelchair, including both unfolded and folded measurements, and specifications for the 6Ah battery version.

10. WARRANTY & SUPPORT

VERPAL is committed to providing high-quality products and services. Your positive experience is our highest priority. If you have any questions about our products, please feel free to contact us. We are available 24/7 and will respond as soon as possible.

For support, please refer to the contact information provided in your purchase documentation or visit the official VERPAL store online: [VERPAL Store](#).