

VITILAN V3

VITILAN V3 2.0 Foldable Electric Bike User Manual

Model: V3

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the VITILAN V3 2.0 Foldable Electric Bike. This manual provides essential information for the safe assembly, operation, and maintenance of your e-bike. Please read it thoroughly before your first ride and keep it for future reference.

The VITILAN V3 2.0 is designed for versatility and performance, featuring a powerful motor, long-lasting battery, and robust construction suitable for various terrains.

Key Features:

- **Motor & Battery:** Equipped with a 750W brushless motor (1200W Peak) and a removable 48V 13Ah (624Wh) battery, offering a top speed of 28mph and a range of 40-60 miles.
- **Durable & Waterproof Frame:** Constructed from aluminum alloy for durability and water resistance, with an integrated battery for protection and extended life.
- **Portability:** Foldable design for easy storage and transport, ideal for commuting and limited spaces.
- **Fat Tires:** 20"x4.0" puncture and skid-resistant fat tires suitable for all-terrain use, including snow, street, and mountain paths.
- **Comfort & Safety:** Front suspension fork absorbs shocks, hydraulic disc brakes ensure reliable stopping power, and integrated LED headlights/taillights enhance night riding safety.
- **Smart Control:** Half-twist throttle, 5 pedal-assist levels, and a backlit LCD display tracking speed, battery life, and distance. Includes a USB port for phone charging.



VITILAN V3 2.0 ELECTRIC BIKE

Enjoy the riding experience and have fun!



Image: The VITILAN V3 2.0 electric bike, showcasing its foldable design for easy storage and transport.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Familiarize yourself with local traffic laws and regulations for electric bikes.

Before Each Ride:

- **Brakes:** Check that both front and rear hydraulic disc brakes are functioning correctly.
- **Tires:** Ensure tires are inflated to the recommended pressure (check sidewall for details).
- **Battery:** Verify the battery is securely locked and sufficiently charged for your planned ride.
- **Lights:** Test the integrated LED headlights and taillights, especially for night riding.
- **Fasteners:** Confirm all quick releases and bolts are tightened.

Avoid riding in adverse weather conditions or on unfamiliar, challenging terrain until you are confident in your riding skills and the bike's capabilities.

3. PACKAGE CONTENTS

Upon unpacking, please ensure all items are present and undamaged:

- VITILAN V3 2.0 Electric Bike (with pre-installed lights and fenders)
- Battery Charger
- User Manual (this document)
- Assembly Tools (if included)

If any items are missing or damaged, please contact customer support immediately.

4. SETUP AND ASSEMBLY

Your VITILAN V3 2.0 electric bike arrives 95% pre-assembled. The remaining steps typically involve attaching the handlebars, pedals, and adjusting the seat. Follow these general guidelines:

1. **Unfold the Bike:** Carefully unfold the frame and secure the folding mechanisms.
2. **Install Handlebars:** Attach the handlebars to the stem and tighten securely. Ensure brake levers and shifters are in comfortable positions.
3. **Install Pedals:** Identify left (L) and right (R) pedals. Thread the left pedal counter-clockwise and the right pedal clockwise into the crank arms. Tighten firmly with a wrench.
4. **Adjust Seat Post:** Insert the seat post into the frame and adjust the height for a comfortable riding position. Secure with the quick-release lever.
5. **Check Connections:** Ensure all electrical cables are securely connected and not pinched.
6. **Initial Charge:** Fully charge the battery before your first ride.

Your browser does not support the video tag.

Video: VITILAN V3 Ebike Assembly. This video demonstrates the assembly process for the VITILAN V3 electric bike, including unfolding, handlebar installation, and seat adjustment.

5. OPERATING INSTRUCTIONS

Powering On/Off:

To power on the bike, press and hold the power button on the control panel (usually located on the handlebars) for a few seconds until the LCD display illuminates. To power off, repeat the process.

LCD Display Functions:

The backlit LCD display provides real-time information:

- **Speed:** Current riding speed.
- **Battery Life:** Remaining battery charge level.
- **Distance:** Trip distance and total odometer.
- **PAS Level:** Current Pedal-Assist System level (0-5).

Riding Modes:

- **Pedal-Assist System (PAS):** Use the '+' and '-' buttons on the control panel to select one of 5 pedal-assist levels. The motor provides assistance as you pedal. Level 0 provides no assistance.
- **Half-Twist Throttle:** Gently twist the throttle on the right handlebar to engage electric power without pedaling. This provides instant acceleration.
- **Manual Pedaling:** You can always ride the bike like a traditional bicycle without any electric assistance.

Gear Shifting:

The VITILAN V3 2.0 features a 7-speed Shimano gear system. Use the trigger shifter on the handlebars to change gears, adapting to different terrains and inclines.

Your browser does not support the video tag.

Video: VITILAN V3 Ebike Assembly. This video also shows the display lighting up and changing speed, which is relevant for operating instructions.

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Video: V3 Electric Bike in Orange. This video showcases the VITILAN V3 electric bike in action, demonstrating its riding capabilities and features.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your VITILAN V3 2.0 e-bike.

Battery Care:

- Charge the battery regularly, even if not in use, to maintain its health.
- Avoid fully discharging the battery frequently.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Use only the original charger provided with your bike.

General Bike Maintenance:

- **Cleaning:** Wipe down the bike with a damp cloth after rides. Avoid high-pressure washing directly on electrical components.
- **Lubrication:** Periodically lubricate the chain and other moving parts with appropriate bicycle lubricant.
- **Brakes:** Check brake pads for wear and replace as needed. Ensure brake levers have proper tension.
- **Tires:** Inspect tires for wear, punctures, and proper inflation before each ride.
- **Fasteners:** Regularly check and tighten all bolts and screws, especially on critical components like handlebars, seat post, and wheels.



Image: A VITILAN V3 2.0 electric bike being ridden on a path, emphasizing the need for regular checks and care.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your VITILAN V3 2.0 electric bike.

Common Issues and Solutions:

- **Bike Not Powering On:**
Solution: Check if the battery is fully charged and securely inserted. Ensure the power button is pressed and held correctly.
- **Motor Not Assisting:**
Solution: Verify that the PAS level is not set to 0. Check if the brake levers are fully released, as some systems cut motor power when brakes are applied. Ensure all motor cable connections are secure.

- **Display Not Working:**
Solution: Check battery charge. Ensure all display cables are properly connected.
- **Brakes Squealing/Ineffective:**
Solution: Inspect brake pads for wear or contamination. Clean rotors if necessary. If hydraulic, check fluid levels or consider professional service.
- **Unusual Noises:**
Solution: Identify the source of the noise. It could be loose components, chain issues, or rubbing parts. Inspect and tighten as needed.

For complex issues or error codes displayed on the LCD, consult the detailed troubleshooting section in the full PDF user guide or contact VITILAN customer support.

8. SPECIFICATIONS

Detailed technical specifications for the VITILAN V3 2.0 Foldable Electric Bike:

Feature	Specification
Bike Type	Electric Bike
Model Number	V3
Motor	750W Brushless (1200W Peak)
Battery	48V 13Ah (624Wh) Removable
Max Speed	28 MPH
Range	40-60 Miles (depending on assist level and terrain)
Wheel Size	20 Inches
Tires	20"x4.0" Fat Tires
Frame Material	Aluminum Alloy
Suspension Type	Front
Brake Style	Hydraulic Disc Brakes
Number of Speeds	7 (Shimano)
Max Weight Recommendation	330 Pounds
Item Weight	64 Pounds
Minimum User Height	5.3 Feet
Assembly Required	Yes (95% pre-assembled)
UPC	720688053852

9. WARRANTY AND SUPPORT

Warranty Information:

The VITILAN V3 2.0 Foldable Electric Bike comes with a**1-year manufacturer warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage due to misuse, accidents, unauthorized modifications, or normal wear and tear.

Customer Support:

For any questions, technical assistance, or warranty claims, please contact VITILAN customer support. Refer to the contact information provided with your purchase or visit the official VITILAN website for support details.

You can also find additional resources and FAQs on the[VITILAN Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question