

VIRIBUS ABE-L1AB-AW

VIRIBUS Electric Tricycle User Manual

Model: ABE-L1AB-AW

1. INTRODUCTION

This manual provides essential information for the safe assembly, operation, and maintenance of your VIRIBUS Electric Tricycle. Please read this manual thoroughly before using your tricycle to ensure optimal performance and safety. Keep this manual for future reference.

2. WHAT'S IN THE BOX

Upon unboxing, verify that all components are present and undamaged:

- 1x Adult Electric Tricycle (main frame, wheels, etc.)
- 1x Charger
- 1x 36V 13Ah Removable Battery
- 1x Power Cord
- 1x Screwdriver
- 1x Wrench Set
- 1x User Manual (this document)
- 1x Rear Basket
- 1x Lock
- Mudguards (front and rear)

Video: VIRIBUS Electric Tricycle Unboxing. This video demonstrates the unboxing process and initial component overview for the tricycle.

3. ASSEMBLY INSTRUCTIONS

Follow these steps carefully to assemble your VIRIBUS Electric Tricycle. It is recommended to have a second person assist during certain stages of assembly.

3.1. General Assembly Overview

Video: VIRIBUS 350W Electric Trike Assembly. This video provides a comprehensive guide to assembling the electric tricycle.

Video: From Box to Bike: A Complete Installation Guide. This video offers a detailed installation guide for a 24-inch electric tricycle, covering various assembly steps.

3.2. Dual Chain Assembly

Video: Assembly Instructions for Dual Chains. This video specifically details the process of assembling the dual chain system on the tricycle.

The tricycle features a dual-chain design with a pre-installed gearbox for simplified assembly. Ensure chains are properly aligned and tensioned.



DUAL-CHAIN DESIGN

Enjoy Simplified Assembly with Gearbox Pre-installed!

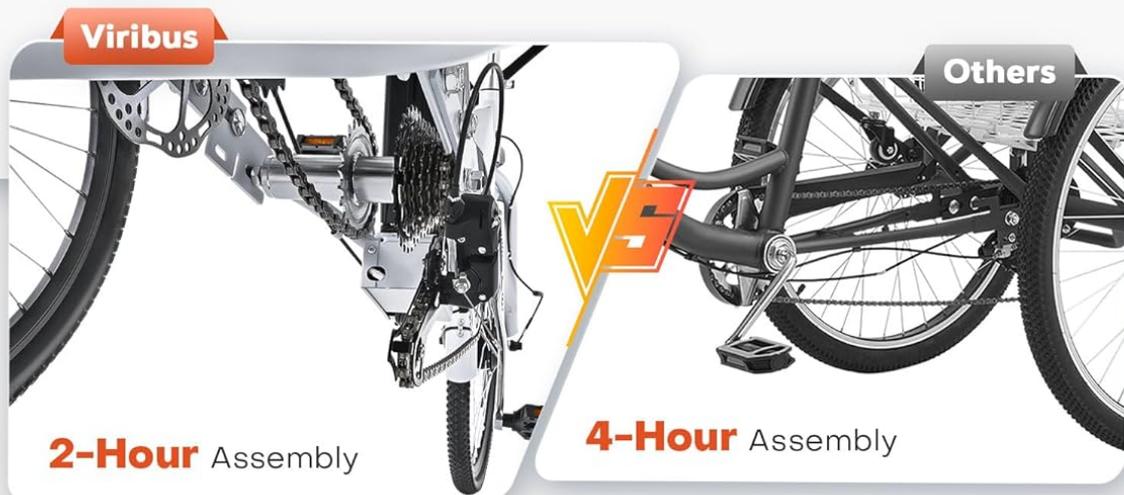


Image: Close-up of the dual-chain design, highlighting the pre-installed gearbox for easier setup.

4. OPERATING INSTRUCTIONS

Your VIRIBUS Electric Tricycle offers versatile riding options and intuitive controls for a comfortable experience.

4.1. Riding Modes

The tricycle supports three distinct riding modes:

- **Manual Control:** Traditional pedaling with a 7-speed derailleur.
- **Pedal Assist (PAS):** Five levels of electric assistance to augment your pedaling effort.
- **Throttle-Powered:** Full electric power without pedaling, reaching a maximum speed of 15.5 mph.

3 WAYS TO RIDE

Powerful 350W Front Hub Motor

THROTTLE MODE

15.5 mph
Max. Speed



PEDAL ASSIST CONTROL

5 PAS Levels
(7.5/9.5/11/13/15.5 mph)



MANUAL CONTROL

7-Speed
Shimano Derailleur



Image: Visual representation of the three riding modes available on the electric tricycle.

4.2. Battery and Range

The tricycle is equipped with a lockable 36V 13Ah (468Wh) removable battery. A full-throttle range of 31 miles is achievable, with extended range in pedal-assist mode.

UL CERTIFIED BATTERY

Your Safety Comes Before Everything

36V 13Ah

Lithium

Dual

Charging Options

31 mi.

Max. Travel

BMS

Protection



Image: Close-up of the removable 468Wh battery, highlighting its UL certification and features.

4.3. Controls and Display

Monitor your ride with the integrated LCD display, which shows battery life, distance traveled, current speed, and pedal assist level. Controls for lights, throttle, and horn are conveniently located on the handlebars.

INTUITIVE CONTROLS

Track Your Journey at a Glance



BATTERY METER

Always Know Your Current Charge

SPEEDOMETER

Track Your Speed in MPH

PAS LEVEL

Select 1–5 to Run at % of Top Speed

ODOMETER

View Your Trip's & Total Distance

Image: Overview of the tricycle's intuitive controls and LCD display panel, showing various metrics.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric tricycle. Always refer to the detailed user manual included in your package for specific maintenance schedules and procedures.

- **Battery Care:** Charge the 468Wh battery regularly, especially after long rides or if stored for extended periods. Avoid fully discharging the battery.
- **Tire Pressure:** Maintain recommended tire pressure for optimal performance and safety. The 1.95 inch tires are designed for durability.
- **Brake System:** Periodically check the disc brakes for wear and proper function. Adjust or replace brake pads as needed.

- **Chain Maintenance:** Keep the 7-speed derailleur chain clean and lubricated to ensure smooth gear changes and prevent wear.
- **General Inspection:** Regularly inspect all bolts, nuts, and quick-release levers to ensure they are securely tightened.

6. TROUBLESHOOTING

If you encounter issues with your VIRIBUS Electric Tricycle, consult the following common troubleshooting tips. For complex problems, contact customer support.

- **Tricycle Not Powering On:** Ensure the battery is fully charged and properly seated. Check that the battery key is turned to the 'ON' position.
- **Motor Not Engaging:** Verify that the PAS level is set above zero or that the throttle is engaged. Check all motor wire connections for security.
- **Brake Squealing/Ineffective:** Inspect brake pads for wear and ensure they are properly aligned with the disc rotor. Clean rotors if necessary.
- **Difficulty Shifting Gears:** Check the derailleur cable tension and ensure the chain is clean and lubricated.
- **Unusual Noises:** Stop riding immediately and inspect the tricycle for loose components, rubbing parts, or damaged bearings.

7. SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Age Range	Adult
Brand	VIRIBUS
Model Name	ABE-L1AB-AW
Number of Speeds	7
Color	Bright White
Wheel Size	24 Inches
Frame Material	Carbon Steel, Aluminum
Suspension Type	Rigid
Battery	468Wh (36V 13Ah) Lithium, UL 2849 Tested by SGS
Motor	350W (Peak 700W) Front Hub Motor
Max Speed	15.5 mph
Max Weight Recommendation	330 Pounds
Brake Style	Disc
Electric Assist Type	Pedal Assist, Throttle Assist
Minimum User Height	5.1 Feet

8. WARRANTY AND SUPPORT

VIRIBUS is committed to providing quality products and customer satisfaction. Your electric tricycle comes with the following support:

- **30-Day Return Policy:** For quality issues.
- **12-Month Warranty:** Covers manufacturing defects.
- **Lifetime Technical Support:** Assistance with any technical inquiries.

Contact Information:

Call Center: +1 (320) 377-3106 (Monday - Friday, 9:00 AM - 5:00 PM PST)

Email Support: support@viribusbikes.com



Image: Details on VIRIBUS customer service, including warranty, return policy, phone, and email support.