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› VIRIBUS 26-inch Electric Tricycle User Manual

VIRIBUS Viribus Electric Tricycle for Adults

VIRIBUS 26-inch Electric Tricycle User Manual

Model: Viribus Electric Tricycle for Adults

1. IMPORTANT SAFETY GUIDELINES

Read this manual thoroughly before operating your VIRIBUS Electric Tricycle. Failure to follow instructions and safety warnings may result in serious injury or product damage. Always wear a helmet and appropriate safety gear when riding.

- Always perform a pre-ride inspection: check tire pressure, brakes, battery charge, and all connections.
- Do not operate the tricycle under the influence of alcohol or drugs.
- Adhere to local traffic laws and regulations.
- Ensure the battery is securely locked in place before riding.
- Do not exceed the maximum weight recommendation of 330 pounds.
- Avoid riding in adverse weather conditions or on slippery surfaces.
- Keep hands and feet clear of moving parts, especially the chain and wheels.

2. PRODUCT OVERVIEW

The VIRIBUS 26-inch Electric Tricycle is designed for adults, offering a stable and comfortable riding experience with electric assistance. It features a 350W front hub motor, a 468Wh removable battery, and a 7-speed derailleur system.



Image: The VIRIBUS 26-inch Electric Tricycle, showcasing its design and large rear basket.

3. SETUP AND ASSEMBLY

Your VIRIBUS Electric Tricycle requires assembly. Please follow the steps carefully. It is recommended to have a second person assist with assembly.

3.1 Included Components

Before starting, ensure all components listed below are present:

- 1x Adult Electric Tricycle (partially assembled)
- 1x Charger
- 1x Battery
- 1x Power Cord
- 1x Screwdriver
- 1x Wrench Set
- 1x Instructions (this manual)
- Basket
- Horn

- Lock



Image: Charger, power cord, and combination lock included with the tricycle.

3.2 Assembly Process

The tricycle features a dual-chain design with a pre-installed gearbox to simplify assembly. Refer to the detailed assembly instructions provided in the separate assembly guide or online video for step-by-step visual assistance.



DUAL-CHAIN DESIGN

Enjoy Simplified Assembly with Gearbox Pre-installed!

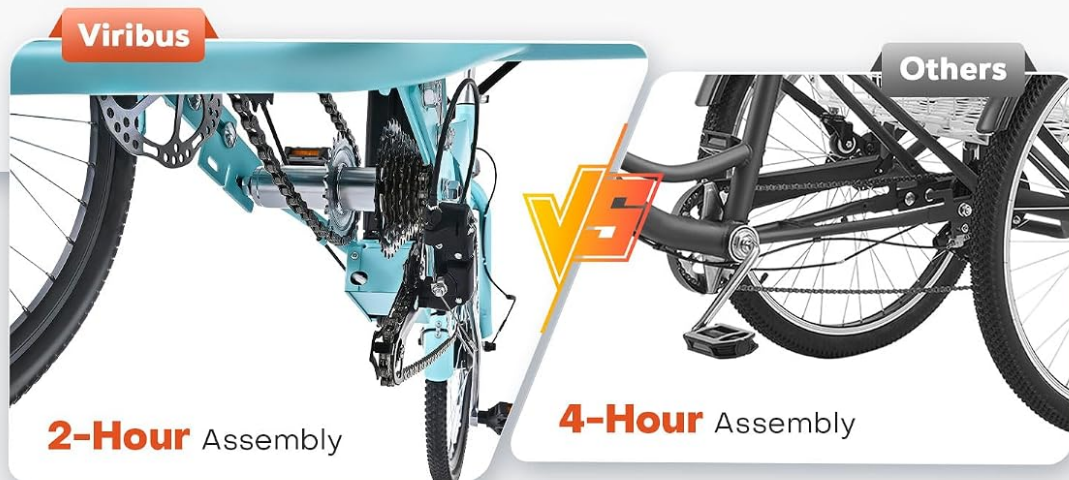


Image: The dual-chain design of the VIRIBUS tricycle, highlighting its simplified assembly compared to other models.

1. Unpack all components and lay them out.
2. Attach the handlebars and adjust to a comfortable height.
3. Install the front wheel and fender.
4. Assemble the rear axle and wheels, ensuring proper chain tension.
5. Mount the rear basket securely.
6. Install the seat post and saddle, adjusting for rider comfort.
7. Connect all electrical cables, ensuring they are securely fastened and aligned correctly (e.g., motor cable connectors have arrows that must be lined up).
8. Perform a functional check of brakes, gears, and lights.

4. BATTERY MANAGEMENT

4.1 Charging the Battery

The VIRIBUS Electric Tricycle is equipped with a removable 36V 13Ah (468Wh) lithium battery. For optimal performance and longevity, fully charge the battery before first use and after each ride.

- Locate the charging port on the battery. The battery can be charged while installed on the tricycle or removed.
- Connect the charger to the battery's charging port, then plug the charger into a standard wall outlet.
- The charger indicator light will show charging status (typically red for charging, green for fully charged).
- Do not overcharge the battery. Disconnect the charger once charging is complete.
- Store the battery in a cool, dry place when not in use.



UL2271 CERTIFIED BATTERY

Your Safety Comes Before Everything

- 36V 13Ah**
Lithium
- Dual**
Charging Options
- 31 mi.**
Max. Travel
- BMS**
Protection

CERTIFIED
UL 2271
CERTIFIED

Image: The removable 36V 13Ah battery, showing its UL2271 certification for safety.

4.2 Battery Installation and Removal

- To remove the battery, unlock it using the provided key and slide it out of its housing.
- To install, slide the battery into the housing until it clicks into place, then lock it with the key. Ensure it is secure before riding.

5. OPERATION

5.1 Riding Modes

The VIRIBUS Electric Tricycle offers three distinct riding modes:

- **Manual Control:** Ride as a traditional tricycle using the 7-speed Shimano derailleur.
- **Pedal Assist System (PAS):** The motor provides assistance as you pedal. There are 5 levels of pedal assist, allowing you to choose the desired level of power.
- **Throttle Mode:** Use the twist throttle for power on demand 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: Throttle, Pedal Assist, and Manual.

5.2 Controls and Display

The handlebars feature intuitive controls for easy operation. The LCD display provides essential riding information.

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: Handlebar controls and the LCD display panel.

- **Light Control:** Activates the front LED headlight.
- **Throttle Control:** Twist grip on the right handlebar for electric power.
- **Horn Control:** Button for audible warning.
- **LCD Display:** Monitors battery life, current speed, distance traveled (odometer), and selected pedal assist level (1-5).

5.3 Gear Shifting

The 7-speed Shimano derailleur allows you to adjust your pedaling effort to match terrain and speed. Use the thumb shifter on the handlebars to change gears smoothly.

7-SPEED SHIMANO DERAILLEUR

Steady Control on Straightaways or Inclines



Image: The 7-speed Shimano derailleur shifter for steady control.

6. COMFORT AND STORAGE FEATURES

6.1 Cushioned Saddle

The tricycle is equipped with a spring suspension saddle designed for comfort, absorbing bumps for a smoother ride. The saddle is adjustable to suit rider height and preference.

6.2 Spacious Rear Basket

A large rear basket is included, capable of accommodating up to 110 lb (50 kg). This provides ample space for groceries, personal items, or even small pets.

LARGE REAR BASKET

Store Groceries
or Carry Your Pets
with Ease



CUSHIONED SADDLE

-  Extra Soft
-  Flippable
-  Adjustable
-  Shock Resistant

Image: The cushioned saddle and the spacious rear basket.

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric tricycle.

- **Tires:** Check tire pressure before each ride. Maintain pressure within the recommended range printed on the tire sidewall. Inspect for wear and damage.
- **Brakes:** Regularly check brake pads for wear and ensure brake levers provide firm, responsive stopping power. Adjust as needed.
- **Chain:** Keep the chain clean and lubricated to prevent rust and ensure smooth gear changes.
- **Battery:** Keep battery terminals clean. Charge the battery regularly, even if not in use, to maintain its health. Avoid fully discharging the battery.

- **Fasteners:** Periodically check all nuts, bolts, and quick-release levers to ensure they are tight and secure.
- **Cleaning:** Clean the tricycle with a damp cloth and mild soap. Avoid high-pressure washing directly on electrical components.

8. TROUBLESHOOTING

If you encounter issues with your VIRIBUS Electric Tricycle, refer to the following common problems and solutions:

- **Tricycle does not power on:**
 - Ensure the battery is fully charged and properly installed.
 - Check that the battery is locked into place.
 - Verify all electrical connections, especially the main power cable and motor cable, are securely connected and correctly aligned (look for alignment arrows on connectors).
- **Motor not assisting or throttle not working:**
 - Check the battery charge level on the LCD display.
 - Ensure all motor and controller cables are firmly connected.
 - Verify the PAS level is set above 0 if using pedal assist.
- **Brakes feel weak:**
 - Inspect brake pads for wear and replace if necessary.
 - Adjust brake cable tension.
- **Gears are not shifting smoothly:**
 - Check for proper chain lubrication.
 - Inspect the derailleur for damage or misalignment.
 - Adjust derailleur cable tension.

If you cannot resolve an issue, please contact VIRIBUS Customer Support.

9. SPECIFICATIONS

Model Name	Viribus Electric Tricycle for Adults
Bike Type	Electric Bike
Wheel Size	26 Inches
Motor Wattage	350W (Peak 700W)
Battery	36V 13Ah (468Wh) Removable Lithium Battery
Max Speed	15.5 mph
Range (Full Throttle)	Up to 31 miles
Range (Pedal Assist)	55-60 miles (depending on PAS level)
Number of Speeds	7-Speed Shimano Derailleur

Brake Style	Disc
Frame Material	Carbon Steel
Maximum Weight Recommendation	330 Pounds
Minimum User Height	5.2 Feet
Assembly Required	Yes

10. WARRANTY AND CUSTOMER SUPPORT

VIRIBUS is committed to providing quality products and support.

10.1 Warranty Information

- **30-Day Return Policy:** For quality issues.
- **12-Month Warranty:** Covers manufacturing defects.
- **Lifetime Technical Support:** Assistance with product usage and troubleshooting.

10.2 Customer Support

For any questions, assistance with assembly, or troubleshooting, please contact our customer support team:

- **Phone:** +1 (320) 377-3106 (Monday – Friday, 9:00 AM – 5:00 PM PST)
- **Email:** support@viribusbikes.com