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› Tamobyke V20/V29 Series Electric Bike User Manual

## Tamobyke V20/V29 Series

# Tamobyke V20/V29 Series Electric Bike User Manual

Model: V20/V29 Series

## 1. INTRODUCTION

Welcome to the Tamobyke V20/V29 Series Electric Bike user manual. This guide provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

## 2. SAFETY GUIDELINES

Your safety is paramount. Always adhere to the following guidelines:

- **Helmet Use:** Always wear a certified helmet when riding.
- **Pre-Ride Check:** Before each ride, inspect brakes, tires, battery charge, and all fasteners.
- **Traffic Laws:** Obey all local traffic laws and regulations.
- **Visibility:** Use lights and reflective gear, especially during low-light conditions.
- **Weather Conditions:** Exercise caution when riding in wet or slippery conditions.
- **Weight Limit:** Do not exceed the maximum load capacity of 330 lbs (150 kg).
- **Age Range:** This electric bike is designed for adult use.

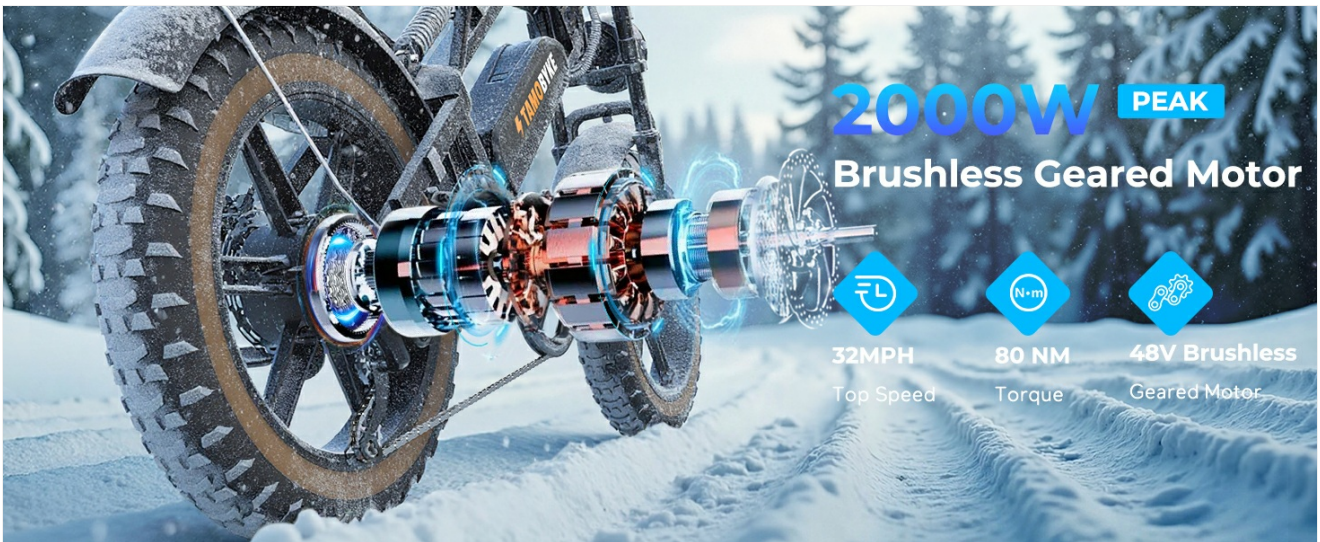
## 3. PRODUCT OVERVIEW AND FEATURES

The Tamobyke V20/V29 Series Electric Bike is designed for versatile terrain, offering a powerful and comfortable riding experience.

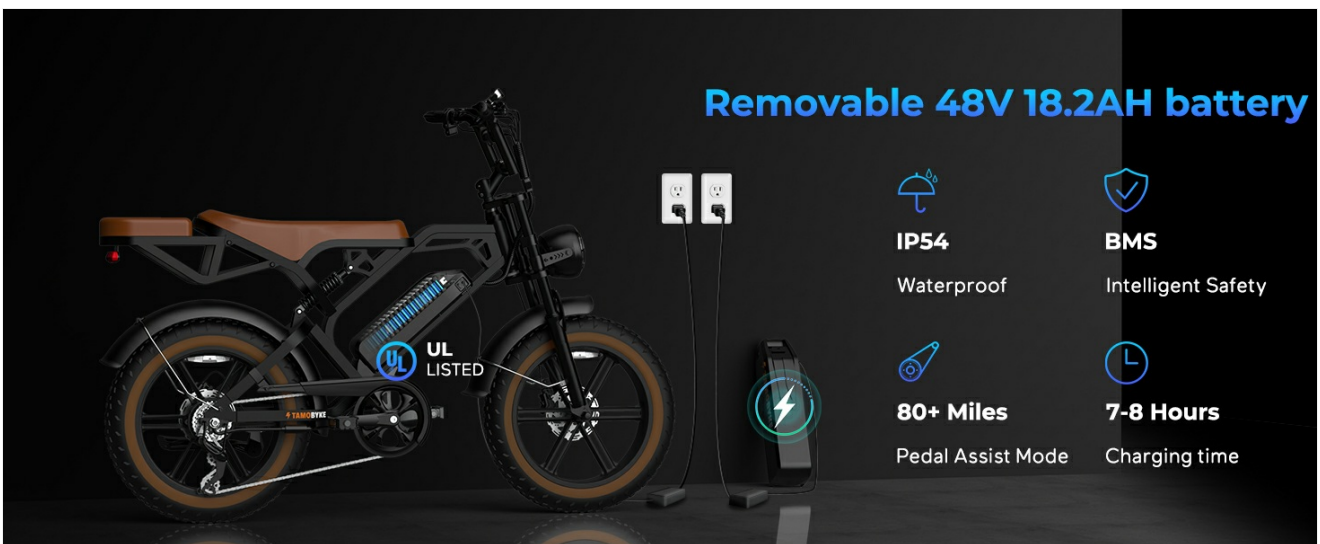
### Key Features:

- **Motor:** 1500W/2000W Peak Brushless Geared Motor, providing up to 32 MPH top speed and 80 NM torque.
- **Battery:** Removable 48V 15.6AH/18.2AH UL Listed battery, IP54 waterproof, with BMS for intelligent safety. Offers 80+ miles range in pedal assist mode and charges in 7-8 hours.

- **Suspension:** Full Suspension Damping System with front fork suspension and rear shock absorber for smooth riding on varied terrains.
- **Tires:** 20" x 4" All-Terrain Fat Tires for superior grip, traction, and puncture protection across snow, sand, and road.
- **Brakes:** Hydraulic Brakes for reliable stopping power.
- **Gears:** Professional 7-Speed Shifting system for effortless gear changes.
- **Lighting:** Retro front headlight for clear visibility and a turn signal tail light that activates upon braking.
- **Display:** LCD-Display for essential ride information.
- **Frame:** Durable Carbon Steel frame.



**Image Description:** An exploded view diagram illustrating the 2000W peak brushless geared motor and its specifications, including 32 MPH top speed, 80 NM torque, and 48V system.



**Image Description:** A side view of the electric bike highlighting the removable 48V 18.2AH battery, with icons indicating IP54 waterproof rating, BMS intelligent safety, 80+ miles range in pedal assist mode, and 7-8 hours charging time.

## Full Suspension Damping System

On rocky, uneven roads, Full Suspension Damping System absorbs impacts, eases strain, secures control for smooth riding.



**Image Description:** An illustration of the electric bike's full suspension damping system, pointing out the front fork suspension and rear shock absorber, designed for smooth riding on uneven roads.



## 20"x4" ALL-TERRAIN FAT TIRES

Integrated & Fat Tire  
Super Grip and Traction  
Extra Protection Against Punctures  
Cycling Safety

**Image Description:** The electric bike shown on a mountain trail, emphasizing its 20"x4" all-terrain fat tires, highlighting their super grip, traction, and puncture protection for various terrains.



## Headlight and Taillight

**Retro front headlight** lights up the night, cutting through darkness to ensure clear visibility for nighttime rides.

**Turn signal tail light** indicates turns, and activates automatically when braking to alert those behind.

**Image Description:** A close-up view of the electric bike's retro front headlight illuminating the path and the turn signal tail light, which activates upon braking for enhanced safety.

## Professional 7 Speed Shifting

The 7-speed shifting system lets you effortlessly switch gears to tackle all kinds of terrains with ease. Even when the battery runs out, the shifting system still ensures a smooth, seamless ride in pedal-only mode.



**Image Description:** A view from the rider's perspective showing the handlebars and LCD display, highlighting the professional 7-speed shifting system designed for smooth gear transitions across various terrains.



**Image Description:** An illustration detailing the accessories included with the electric bike, such as a bike lock, mobile phone holder, alarm, bicycle pump, and a tool bag for accessories.

## 4. ASSEMBLY AND SETUP

Your Tamobyke V20/V29 Series Electric Bike comes partially assembled. Follow these steps to complete the assembly:

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future transport or returns.
2. **Handlebar Installation:** Attach the handlebar to the stem, ensuring all bolts are tightened securely. Adjust the angle for comfortable riding.
3. **Front Wheel:** Install the front wheel, ensuring it is centered and the quick-release skewer or axle nuts are properly secured.
4. **Pedals:** Identify the 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.
5. **Seat Post:** Insert the seat post into the frame and adjust the height for a comfortable riding position. Secure with the quick-release lever or bolt.
6. **Battery Installation:** Ensure the battery is fully charged before first use. Insert the battery into its compartment and lock it securely.

7. **Final Inspection:** Double-check all bolts, connections, and components for tightness and proper function before your first ride.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Powering On/Off

- **To Power On:** Press and hold the power button on the LCD display until the screen illuminates.
- **To Power Off:** Press and hold the power button again until the display turns off.

### 5.2 Riding Modes

Your electric bike offers multiple riding modes:

- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal. Adjust assist levels using the display controls.
- **Throttle Mode:** Use the thumb throttle to engage the motor without pedaling.
- **Manual Mode:** Ride the bike like a traditional bicycle without motor assistance.

### 5.3 Gear Shifting

The 7-speed shifting system allows you to adapt to different terrains. Use the shifter on the handlebar to change gears. Shift to a lower gear for climbing hills and a higher gear for flat terrain or downhill riding.

### 5.4 Braking

The hydraulic brakes provide strong and responsive stopping power. Apply both front and rear brakes simultaneously for controlled deceleration. Avoid sudden, hard braking, especially at high speeds or on loose surfaces.

## 6. MAINTENANCE

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

- **Battery Care:**
  - Charge the battery fully after each ride.
  - Do not store the battery completely discharged.
  - Store the battery in a cool, dry place when not in use.
  - Avoid exposing the battery to extreme temperatures.
- **Tire Pressure:** Check tire pressure before each ride. Maintain pressure within the recommended range (typically indicated on the tire sidewall).
- **Brake Inspection:** Regularly check brake pads for wear and brake levers for proper function. Adjust or replace as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated for smooth shifting and to prevent wear.
- **Fasteners:** Periodically check all bolts and nuts for tightness.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure washers directly on electrical components.

## 7. TROUBLESHOOTING

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Refer to the following common issues and their solutions:

- **Issue:** The e-bike does not turn on or the throttle does not work.  
**Solution:** Remove the battery and reinstall it. Then, try turning on the display again. If the issue persists, contact customer support.
- **Issue:** Tires frequently lose pressure or blow out, or brakes require adjustment.  
**Solution:** Before riding, especially if a child will use the bike, check the tire's rim line to ensure it is properly seated in the hub. Also, verify that the brakes are holding securely. Regular tire pressure checks and brake adjustments are recommended.

## 8. SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Model Series	V20/V29 Series
Age Range	Adult
Brand	Tamobyke
Motor (Peak)	1500W/2000W Brushless Geared Motor
Top Speed	Up to 32 MPH
Torque	80 NM
Battery	48V 15.6AH/18.2AH (UL Listed)
Charging Time	7-8 Hours
Range (Pedal Assist)	80+ Miles
Number of Speeds	7
Wheel Size	20 Inches
Tire Type	4" All-Terrain Fat Tires
Frame Material	Carbon Steel
Suspension Type	Dual (Full Suspension)
Special Feature	LCD-Display
Max Load	330 lbs (150 kg)
Bike Weight	83.3 lbs (37.8 kg)
Recommended Height	5.5 - 6.5 FT
Manufacturer	Shenzhen Ganyu Technology Co., Ltd.



**Image Description:** A size guide diagram showing the dimensions of the electric bike, including total height (43.3"), seat height (33.8"), total length (62"), recommended rider height (5.5 - 6.5 FT), maximum load (330 LB), and bike weight (83.3 LB).

## 9. WARRANTY AND SUPPORT

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Tamobyke is committed to providing quality products and customer service.

- **Warranty:** Your Tamobyke V20/V29 Series Electric Bike comes with a **1-Year Warranty**.
- **Customer Service:** For any inquiries, technical support, or warranty claims, please contact us:
  - **Hotline:** +1 (888) 882 2623 (Working Time: Monday - Friday, 11:00 - 17:00 EST)
  - **Service Email:** [support@tamobykesport.com](mailto:support@tamobykesport.com)

If you encounter issues such as the e-bike not turning on or the throttle not working, please try reinstalling the battery and restarting the display. For shipping damage or if local bike shop repairs are needed, contact us for replacements or compensation.