

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Tamobyke](#) /

› [Tamobyke V20pro Electric Bike User Manual](#)

Tamobyke V20pro

Tamobyke V20pro Electric Bike User Manual

Model: V20pro | Brand: Tamobyke

[Introduction](#)

[Setup & Assembly](#)

[Key Components](#)

[Operating
Instructions
Warranty &
Support](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

1. INTRODUCTION

Welcome to the Tamobyke V20pro Electric Bike user manual. This guide provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your new electric bike. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Figure 1: The Tamobyke V20pro electric bike, featuring a robust frame and fat tires.

2. SETUP AND ASSEMBLY

Your Tamobyke V20pro electric bike arrives approximately 90% pre-assembled. Follow these steps to complete the assembly and prepare for your first ride.

2.1 Unpacking and Initial Inspection

Carefully remove the bike from its packaging. Inspect all components for any signs of damage during transit. Ensure all parts listed in the packing list are present.

2.2 Battery Installation and Removal

The 48V 18.2AH lithium battery is removable for convenient charging and security. To remove the battery, unlock it with the provided key and slide it out from the frame. To install, slide it back into place until it clicks securely, then lock it.

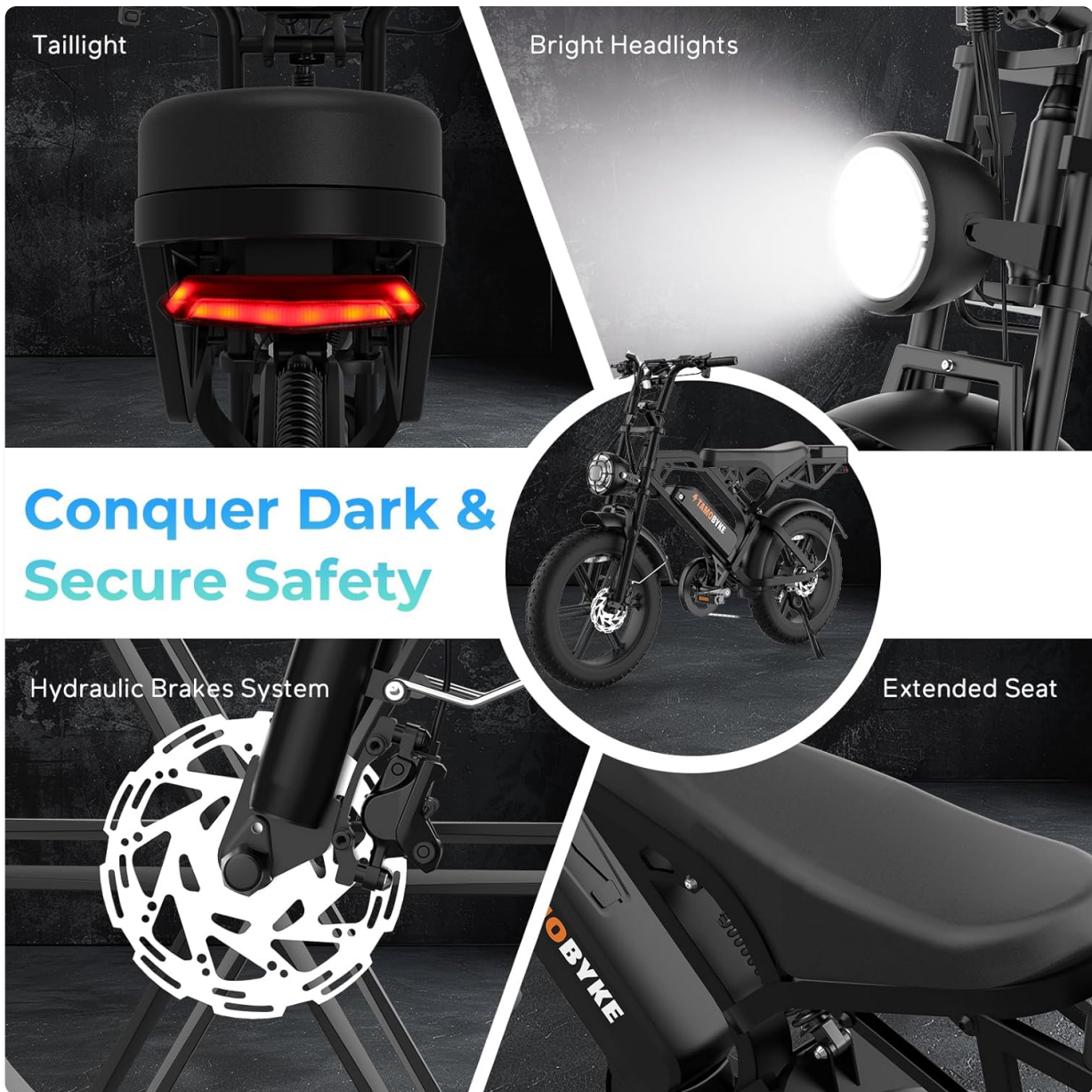


Figure 2: The removable 48V 18.2AH battery, which can be charged on or off the bike.

Your browser does not support the video tag.

Video 1: This video demonstrates the safe removal process for the batteries of the Tamobyke V20pro electric bike.

2.3 Tire Inflation and Seating

Ensure tires are properly inflated to the recommended pressure (check sidewall for details). Improper seating of the tire bead can lead to air leaks. Use the included air pump to inflate the tires.

Your browser does not support the video tag.

Video 2: This video guide shows how to correct tire distortion on the Tamobyke V20pro electric bike.

2.4 Handlebar and Pedal Installation

Attach the handlebars and pedals according to the included quick assembly guide. Ensure all bolts are tightened securely.

3. KEY COMPONENTS

3.1 Motor

The V20pro is equipped with a powerful 1500W rated (2000W peak) brushless motor, providing strong acceleration and climbing ability up to 35 degrees. It delivers up to 80Nm of torque.

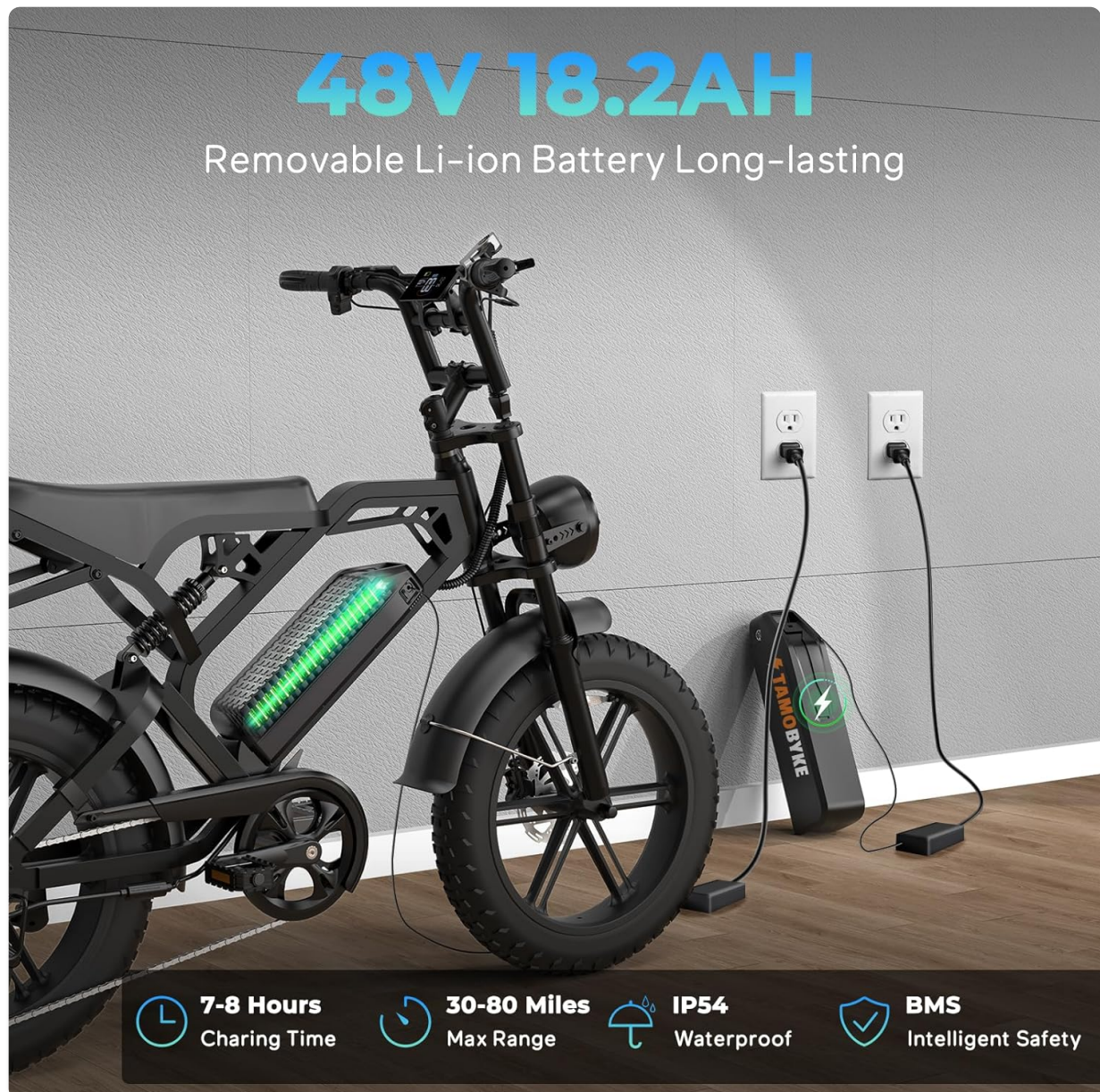


Figure 3: The powerful 1500W rated motor (2000W peak) integrated into the rear wheel.

3.2 Battery

The bike features a 48V 18.2AH removable lithium-ion battery, UL certified and protected by a Battery Management System (BMS). It offers a range of up to 80 miles in pedal-assist mode and charges in 6-8 hours.

3.3 LCD Display and Controls

The multi-function LCD display provides real-time information including speed, battery status, Pedal Assist System (PAS) levels, and mileage. Handlebar controls allow for easy access to lights, turn signals, and horn.

Full Suspension Damping System

COMFORTABLE FULL SUSPENSION



Figure 4: The intelligent LCD display and ergonomic handlebar controls for easy operation.

3.4 Suspension System

The V20pro is equipped with a dual suspension damping system, including a high-strength front fork suspension, to absorb shocks and provide a comfortable ride on various terrains.

Accessories(You will also get)

Bike Lock

High-strength steel, excellent anti-theft protection.



Bicycle Pump

Lowers maintenance costs, super portable for on-the-go use.



Mobile Phone Holder

Exclusive phone "seat", easy visible navigation.

Alarm

Sensitive sensors, instant loud alarm against theft.



Tool Bag for Accessories

Organizes bike essentials, easy to reach.

Figure 5: The advanced dual suspension system ensures a smooth ride over uneven surfaces.

3.5 Fat Tires

The 20-inch x 4.0-inch fat tires provide excellent grip and traction, making the bike suitable for diverse environments such as dirt roads, grass, beaches, snow, and mountain trails.



Figure 6: All-terrain 20-inch fat tires designed for stability and performance across various surfaces.

3.6 Braking System

The V20pro is equipped with front and rear hydraulic disc brakes, ensuring reliable stopping power and enhanced safety.

3.7 Lighting and Safety Features

A high-brightness front light and a tail light with integrated turn signals improve visibility and safety, especially during night rides.

Upgraded Ergonomic Design

32MPH



Figure 7: Essential safety features including the bright headlight, taillight, and hydraulic brake system.

3.8 Included Accessories

The bike comes with a sturdy phone mount, waterproof phone pouch, air pump, bike lock, and a reinforced cargo basket for convenience.



Figure 8: Overview of the 7-speed shifting mechanism and practical accessories included with the bike.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

To power on the bike, press and hold the power button on the handlebar controls. Repeat to power off.

4.2 Riding Modes

The V20pro offers five distinct riding modes:

- **Pure Electric Mode:** Uses throttle only, no pedaling required.
- **Pedal Assist Mode (PAS):** Motor provides assistance as you pedal. Features 5 levels of assistance.
- **Cruise Mode:** Maintains a steady speed without continuous throttle input (1-5 levels).
- **Walk-Assist Mode:** Provides low-speed assistance for walking the bike.
- **Classic Bicycle Mode:** No electric assistance, functions as a traditional bicycle.

4.3 Speed Limit Adjustment

The bike's speed limit can be adjusted via the display settings. Refer to the video below for a detailed guide.

Your browser does not support the video tag.

Video 3: This video demonstrates how to adjust the speed limit settings on the Tamobyke V20pro electric bike's display.

Your browser does not support the video tag.

Video 4: This video tutorial explains how to debug and adjust the H6C speedometer display for speed limit settings on the Tamobyke V20pro.

4.4 Shifting Gears

Utilize the Shimano 7-speed shifter for smooth and precise gear changes, adapting to different terrains and riding conditions. The shifting system remains functional even when the battery is depleted, allowing for pedal-only riding.

5. MAINTENANCE

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

5.1 Battery Care

- Charge the battery fully before first use and after each ride.
- Avoid completely draining the battery.
- Store the battery in a cool, dry place, and charge it periodically if not used for extended periods.

5.2 Tire Maintenance

- Check tire pressure before each ride and inflate to the recommended PSI.
- Inspect tires for wear, cuts, or punctures regularly.

5.3 Brake System

- Regularly check brake levers for proper tension and responsiveness.

- Ensure brake pads are not excessively worn.

5.4 General Cleaning

Clean the bike regularly with a damp cloth. Avoid using high-pressure washers directly on electrical components.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Tamobyke V20pro.

6.1 Bike Not Powering On

- Check if the battery is properly installed and locked.
- Ensure the battery is charged.
- Verify all electrical connections are secure.

6.2 Motor Not Assisting

- Check the PAS level on the display; ensure it's not set to 0.
- Verify the battery charge level.
- Ensure the throttle is engaged correctly in pure electric mode.

6.3 Display Errors

If the LCD display shows an error code, consult the full user manual (if provided separately) or contact customer support with the specific code.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	V20pro
Motor	1500W Rated (2000W Peak) Brushless Motor
Battery	48V 18.2AH Removable Lithium-ion (UL Certified)
Max Speed	Up to 32 MPH
Max Range	Up to 80 Miles (Pedal Assist Mode)
Charging Time	6-8 Hours
Torque	80Nm
Climbing Ability	Up to 35°
Tires	20-inch x 4.0-inch Fat Tires
Brakes	Front & Rear Hydraulic Disc Brakes
Suspension	Dual Suspension (Front Fork & Rear)

Gears	Shimano 7-Speed
Frame Material	Carbon Steel
Bike Weight	90 lbs
Max Load	300 lbs
Recommended User Height	65 inches and above



Figure 9: Detailed size guide for the V20pro, including dimensions and recommended rider height.

8. WARRANTY AND SUPPORT

The Tamobyke V20pro electric bike comes with a **1-year warranty** on key components. For any inquiries, setup assistance, or maintenance questions, our customer service team is available 24/7 to provide prompt support.

Please refer to your purchase documentation for specific warranty terms and contact information.