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Vipdrive Urbanite 1.2-Black

Vipdrive Urbanite 1.2 Electric Bike User Manual

Model: Urbanite 1.2-Black

INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your Vipdrive Urbanite 1.2 Electric Bike. Please read this manual thoroughly before using the bicycle to ensure proper function and longevity. Retain this manual for future reference.



Figure 1: Vipdrive Urbanite 1.2 Electric Bike with included accessories including a pump, phone mount, and bike lock.

SETUP AND ASSEMBLY

The Vipdrive Urbanite 1.2 Electric Bike arrives 90% pre-assembled. The following steps detail the final assembly process. For a visual guide, please refer to the installation video below.

Included Components:

- 1 x Electric Bike
- 1 x Charger
- 1 x User Manual
- 1 x Tool Kit
- 1 x Air Pump
- 1 x Phone Holder
- 1 x Bike Lock

Assembly Steps:

1. Carefully remove all components from the packaging.
2. Attach the handlebar to the bike's stem, ensuring it is securely fastened and aligned.
3. Install the front wheel, making sure the disc brake aligns correctly with the caliper.
4. Mount the front and rear fenders.
5. Attach the front headlight and rear light.
6. Assemble and install the seat post and saddle.
7. Install the pedals, noting the 'L' and 'R' markings for left and right.
8. Attach the rear cargo rack.
9. Ensure all connections are secure and all bolts are tightened.

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Video 1: Vipdrive Urbanite 1.2 Electric Bike Installation Guide. This video demonstrates the step-by-step assembly process of the electric bike.



Figure 2: Size information for the Vipdrive Urbanite 1.2 Electric Bike, including full length, handlebar height, minimum seat height, maximum seat height, load capacity, and E-Bike weight.

OPERATING THE ELECTRIC BIKE

The Vipdrive Urbanite 1.2 Electric Bike offers versatile riding experiences with its powerful motor and multiple riding modes.

Motor and Battery:

- **Motor:** 500W brushless motor with a peak output of 750W, capable of reaching speeds up to 22mph.
- **Battery:** Removable 48V 7.8Ah (375Wh) battery, providing up to 50 miles of range on pedal-assist mode. Charging time is approximately 4-5 hours. The battery features an integrated lock and IPX4 water resistance.



Figure 3: Detailed view of the 750W Peak Brushless Motor, highlighting its power, max speed, 7-speed gearing, and 55NM max torque.



Figure 4: The 375Wh Removable Lithium Battery, emphasizing its 48V 7.8Ah capacity, 50 miles max range, waterproof design, and UL2849 certification.

Riding Modes:

- **Throttle Mode:** Provides effortless cruising without pedaling.
- **Pedal Assist Mode:** Offers assistance while pedaling, extending range up to 50 miles.
- **Manual Mode:** For a traditional cycling experience without electric assistance.
- **Walk-Assist Function:** Aids in maneuvering the bike in tight spaces or uphill.

3 Riding Modes



Figure 5: Illustration of the three riding modes: Pure Electric Mode (20-25 miles), Pedal Assistant Mode (30-50 miles), and Normal Bike Mode (Endless).

LCD Display:

The intuitive LCD display provides real-time riding data, including riding speed, battery remaining, speed levels (1-3), and mileage reading.



Figure 6: The Smart LCD Screen displaying real-time riding data such as battery remaining, riding speed, 1-3 speed levels, and mileage reading.

MAINTENANCE

Regular maintenance is crucial for the safety, performance, and longevity of your electric bike.

Perform routine checks and maintenance as follows:

- **Tire Pressure:** Check tire pressure before each ride and inflate to the recommended PSI.
- **Brakes:** Inspect brake levers and pads regularly for wear. Ensure dual disc brakes provide reliable stopping power.
- **Chain:** Keep the chain clean and lubricated to ensure smooth operation and prevent rust.
- **Battery:** Charge the battery regularly, even when not in use, to maintain its health. Store the battery in a cool, dry place.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases for tightness.
- **Cleaning:** Clean the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Storage:** Store the bike in a dry, secure location away from direct sunlight and extreme

temperatures.

TROUBLESHOOTING

This section provides general guidance for common issues. For complex problems, please contact customer support.

- **Bike not turning on:** Ensure the battery is fully charged and properly seated. Check that the battery key is in the 'on' position and the power button on the battery is pressed.
- **Motor not assisting:** Verify that the pedal-assist level is set above zero on the LCD display. Check for any loose connections to the motor or controller.
- **Brakes feel weak:** Inspect brake pads for wear and replace if necessary. Check brake cables for proper tension and adjust if loose.
- **Unusual noises:** Inspect the chain, gears, and wheels for any obstructions or loose components. Lubricate the chain if it sounds dry.

SPECIFICATIONS

Feature	Specification
Bike Type	Electric Bike
Model Name	Urbanite 1.2-Black
Brand	Vipdrive
Motor Wattage	500 watts (Peak 750W)
Battery	375Wh Removable 48V 7.8Ah Lithium Battery
Max Range	Up to 50 Miles (Pedal-assist)
Max Speed	22 Mph
Number of Speeds	7
Wheel Size	1.95 Inches
Frame Material	Aluminum
Suspension Type	Dual
Brake Style	Disc

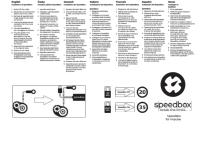
Maximum Weight Recommendation	120 Kilograms (264 lbs)
Special Feature	Waterproof (IPX4 rated)

WARRANTY AND SUPPORT

The Vipdrive Urbanite 1.2 Electric Bike comes with a full 1-year warranty on the motor, battery, and controller. Lifetime 24/7 technical support is also provided, including instructional video services. For any inquiries or support, please contact Vipdrive customer service.

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Related Documents - Urbanite 1.2-Black

	<p><u>VIPDRIVE Electric Bike User Manual: Comprehensive Guide to Models, Safety, and Operation</u></p> <p>This comprehensive user manual for VIPDRIVE electric bikes covers model overviews (Pathfinder, Explorer, Climber), essential safety guidelines, step-by-step installation, operation instructions, battery charging, maintenance tips, and troubleshooting. Enhance your riding experience with VIPDRIVE.</p>
	<p><u>VIPDRIVE Pathfinder 1.1 / 1.2 Electric Bike User Manual</u></p> <p>Comprehensive user manual for the VIPDRIVE Pathfinder 1.1 and Pathfinder 1.2 electric bikes, covering setup, operation, maintenance, troubleshooting, and warranty information.</p>
	<p><u>Dirwin Pioneer 2/2S Fat-Tire E-bike User Manual - Operation, Specifications & Settings</u></p> <p>Comprehensive user manual for the Dirwin Pioneer 2/2S Fat-Tire E-bike. Covers product specifications, assembly instructions, LCD display overview, button functions, settings menu, password protection, factory reset, and troubleshooting.</p>
	<p><u>Kingbull Hunter 2.0 Electric Bike Quick Assembly Guide</u></p> <p>Step-by-step assembly guide for the Kingbull Hunter 2.0 fat tire electric mountain bike, covering installation of handlebars, wheels, saddle, pedals, rack, and more.</p>
	<p><u>SpeedBox 1.0 for Impulse 2.0: E-bike Tuning Installation and Safety Guide</u></p> <p>This guide provides detailed installation instructions for the SpeedBox 1.0 for Impulse 2.0 e-bike tuning module. It also includes crucial safety warnings, legal considerations, and usage restrictions for modified electric bicycles.</p>



[Mini RCR F2 E-Bike User Manual: Safety, Operation, and Specifications](#)

Comprehensive user manual for the Mini RCR F2 E-Bike, covering important safety information, assembly, operation, battery care, maintenance, troubleshooting, and warranty details.