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URTOPIA EC1P

URTOPIA Carbon 1Pro Electric Bike

INSTRUCTION MANUAL

1. Setup

This section provides step-by-step instructions for the initial setup of your URTOPPIA Carbon 1Pro Electric Bike. Please follow these steps carefully to ensure proper assembly and functionality.

1.1 Unboxing and Initial Inspection

Carefully open the packaging and remove all components. Inspect all parts for any signs of damage during transit. Ensure all listed components are present before proceeding with assembly.

- **Smartbar Box:** Contains the Smartbar unit.
- **Pedals:** Left and right pedals.
- **Seat Post Clamp:** For securing the seatpost.
- **Axle Screw:** For front wheel installation.
- **Stem Spacers (2x 15mm):** For handlebar height adjustment.
- **Battery Keys:** For battery removal and locking.
- **Hex Wrenches (2.5mm, 3mm, 5mm, 6mm):** Essential tools for assembly.
- **Taillight:** Rear safety light.
- **Front Reflector:** For front visibility.
- **Rear Reflector:** For rear visibility.

For a visual guide on unboxing and initial assembly, please refer to the video below:

Video: Assembly guide for the URTOPPIA Carbon 1Pro Electric Bike, demonstrating unboxing and initial setup steps.



Image: Main view of the URTOPIA Carbon 1Pro Electric Bike, showcasing its sleek design and integrated Smartbar.

1.2 Battery Activation

Before first use, the battery must be activated. Use the provided key to unlock and remove the battery from the bike frame. Connect the battery to the charger and a power source for at least one minute to activate it. This step is crucial for the battery's initial function.

1.3 Handlebar Installation

Loosen the clamping screw on the top tube of the fork using the 5mm hex wrench. Remove the fork protection hose and cover. Insert the handlebar stem into the fork's top tube. Use the provided 15mm stem spacers as needed for desired height. Re-insert and tighten the clamping screw with the 5mm hex wrench.

1.4 Front Fender Installation

Retrieve the front fender. Loosen the screw for fixing the fender on the fork using the 3mm hex wrench. Remove the screw from the fork's fender stay. Position the front fender as shown in the assembly video, aligning the fender holding hole with the fork screw hole. Adjust the fender's height and tighten the screw. Install and tighten the fender stays.

1.5 Front Wheel Installation

Remove the protective covers from the left and right sides of the front wheel. Take off the protection parts for the brake caliper and the front fork dropout. Align the wheel's brake disc in parallel with the braking pads and carefully seat the fork onto the wheel hub ends. Insert the axle screw through the wheel hub and tighten it with the 5mm hex wrench. Visually confirm the brake disc is centered within the brake caliper with even clearance on both sides.

Ensure the fender stays are consistent; if not, loosen the thread sleeve, adjust the length, and re-tighten.

1.6 Align the Handlebar

Adjust the position of the front wheel and handlebar to ensure they are aligned and centered. Use the 5mm hex wrench to tighten the stem screws.

1.7 Smartbar Box Installation

Remove the Smartbar unit from its packaging. Align the bottom protrusion of the Smartbar box with the sunken platform of the handlebar stem. Ensure the Smartbar box fits perfectly onto the handlebar. Use the 2.5mm hex wrench to tighten the screws underneath the Smartbar box. Connect the two wires from the box, matching them by color and aligning the arrows on the connectors (one set is green, the other is black). Insert the connected wires into the hole in the handlebar to maintain a clean aesthetic.

1.8 Pedal Installation

Identify the left (L) and right (R) pedals. The crank arm also indicates which pedal (L or R) should be installed. Use the 6mm hex wrench to install the pedals. Screw the pedal onto the crank arm and tighten it firmly.

1.9 Kickstand Installation

Use the 5mm hex wrench to remove the locking screw on top of the kickstand. Align the screw holes of the kickstand with the holes on the bike frame. Use the 5mm hex wrench to tighten the screws. The kickstand should be positioned on the inner side of the frame.

1.10 Seatpost Installation

Insert the seatpost into the frame's seat tube. There is a cable inside the frame for accessories; stash it carefully into the seat tube to prevent damage. Insert the clamp and adjust the height of the seatpost so that the saddle and the top tube are aligned and centered. Use the 5mm hex wrench to tighten the clamp.

1.11 Tail Light Installation

First, install the taillight and rubber ring together by pressing down the lever and sliding the rubber ring onto the taillight. Then, place the taillight rubber ring onto the seatpost and secure it.

1.12 Bike Activation (App Setup)

This is the final step before your first ride. Download the URTOPIA app from your device's app store. Open the app, register your account, and log in. Ensure your device's Bluetooth is enabled. Press any button on the Smartbar to display the QR code. Scan the QR code using the app to activate your bike. You can also record your fingerprint for unlocking, or skip this step and do it later. Be aware that if a fingerprint is not recorded, anyone can turn on the bike.

2. Operating

The URTOPIA Carbon 1Pro Electric Bike is designed for intuitive operation with advanced smart features.

2.1 Powering On/Off and Pedal Assist

To power on the bike, press the power button on the Smartbar. The bike features 5 pedal assist modes, which can be selected via controls on the handlebar. The torque sensor ensures smooth and responsive power delivery as you pedal.

2.2 Smart Features

The integrated Smartbar provides access to various intelligent functions:

- **GPS Navigation:** Utilize built-in GPS for navigation directly from the Smartbar display.
- **Anti-theft Alarms:** Enhanced security features to deter theft.
- **Fingerprint Unlock:** Securely unlock your bike with your registered fingerprint.
- **Voice Control:** Adjust speed modes and other settings hands-free using voice commands.
- **Urtopia App Integration:** Connect to the Urtopia APP to track your routes, monitor calorie burn, and share data on platforms like Strava.



Up to 25 MPH
Silky-smooth Ride

Peak 750W Motor

Image: Overview of the Smartbar features, including GPS tracking, fingerprint unlock, and Bluetooth music.

Field Trip



City Ride



Off Road



Trail Ride

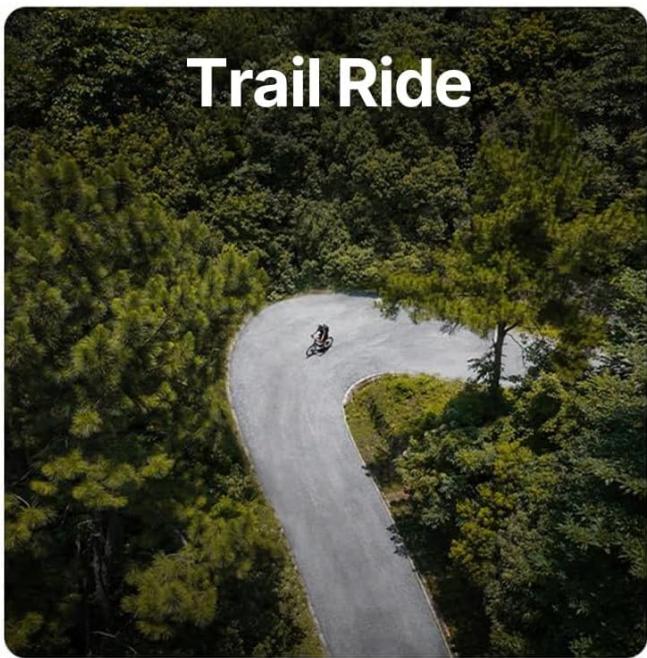


Image: Various usage scenarios for the URTOPIA Carbon 1Pro, including field trips, city rides, off-road, and trail rides.

3. Maintenance

Regular maintenance ensures the longevity and optimal performance of your URTOPIA Carbon 1Pro Electric Bike.

3.1 General Care

- Cleaning:** Regularly clean the bike frame with a soft, damp cloth. Avoid high-pressure washing directly on electrical components.
- Tire Pressure:** Check tire pressure before each ride. Maintain recommended PSI for optimal performance and safety.
- Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.

3.2 Battery Care

The URTOPIA Carbon 1Pro features a UL 2849 Certified Removable Battery with Samsung Li-ion Cells, designed

for 1000 charging cycles.

- **Charging:** Charge the battery using the provided charger. A full charge takes approximately 2.5 hours. The battery can be charged both on and off the bike.
- **Storage:** If storing the bike for an extended period, ensure the battery is charged to 50-70% and stored in a cool, dry place.

3.3 Brake System Checks

Regularly inspect the disc brakes for wear on the pads and rotors. Ensure the brake levers provide firm and consistent braking. Adjust as necessary or consult a professional for service.

4. Troubleshooting

This section addresses common issues you might encounter with your URTOPIA Carbon 1Pro Electric Bike.

- **Bike Not Powering On:** Ensure the battery is fully charged and properly seated in the frame. Check that the battery is activated (refer to Section 1.2).
- **Motor Not Assisting:** Verify that the pedal assist level is set correctly. Check for any error codes on the Smartbar display. Ensure the battery has sufficient charge.
- **App Connectivity Issues:** Confirm Bluetooth is enabled on your device and the bike. Try restarting both the app and the bike.
- **Brake Noise:** This can be caused by dirt on the rotors or worn brake pads. Clean the rotors and inspect the pads for wear.

For more complex issues or if troubleshooting steps do not resolve the problem, please contact customer support.

5. Specifications

Feature	Specification
Bike Type	Ultra Light Bike
Age Range (Description)	Adult
Brand	URTOPIA
Number of Speeds	8
Color	Matt Black
Wheel Size	29 Inches
Frame Material	Carbon Fiber, Aluminum
Suspension Type	Rigid
Special Feature	GPS-feature
Included Components	Kickstand, Mudguard, Reflectors, Tool Kit
Size	Small

Feature	Specification
Brake Style	Disc
Wheel Width	1.6 Inches
Specific Uses For Product	Gravel
Item Weight	37 Pounds
Style	Urban
Model Name	EC1P
Power Source	Electric motor
Wattage	750W (Peak)
Lithium Battery Energy Content	360 Watt Hours
Maximum Weight Recommendation	240 Pounds
Assembly Required	Yes (95% pre-assembled)
Bicycle Gear Shifter Type	Thumb
Bicycle Drivetrain Type	Indexed drivetrain
Electric Assist Type	Pedal assist
Manufacturer	New Urtopia Holdings HK Limited
Item Package Dimensions L x W x H	66 x 33.4 x 11.2 inches
Package Weight	69.9 Pounds
Date First Available	June 12, 2024

6. Warranty and Support

6.1 Warranty Information

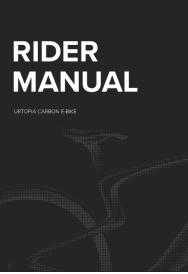
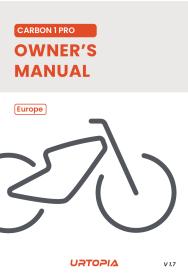
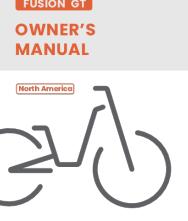
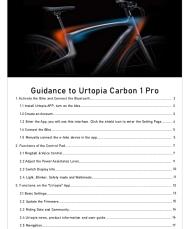
The URTOPIA Carbon 1Pro Electric Bike comes with a **2-year Limited Warranty**. Please refer to the warranty description provided with your product for full details on coverage and terms.

6.2 Customer Support

URTOPIA is committed to providing excellent customer care. We offer a self-operated after-sales center, local spare parts stock, and 24/7 customer support to assist you with any inquiries or issues.

For further assistance, please contact us at: support@newurtopia.com

Related Documents - EC1P

	<p><u>Urtopia Carbon E-Bike Rider Manual: Assembly, Operation, and Maintenance</u> Comprehensive guide for the Urtopia Carbon E-Bike, covering assembly instructions, smartbar controls, LED display functions, safety guidelines, maintenance tips, battery information, and specifications.</p>
	<p><u>Urtopia Carbon 1 Pro Owner's Manual: Assembly, Specifications, and Safety Guide</u> The official owner's manual for the Urtopia Carbon 1 Pro electric bicycle, detailing assembly, specifications, smart features, safety instructions, and maintenance for optimal use.</p>
	<p><u>Urtopia Fusion GT E-Bike Owner's Manual</u> Comprehensive owner's manual for the Urtopia Fusion GT e-bike, covering assembly, activation, usage, safety guidelines, and maintenance.</p>
	<p><u>Urtopia Carbon 1 Pro User Guide: Features and Operation</u> Comprehensive guide to the Urtopia Carbon 1 Pro electric bike, covering setup, app integration, control pad functions, riding data, and troubleshooting.</p>
	<p><u>Urtopia Fusion E-Bike Owner's Manual</u> Comprehensive owner's manual for the Urtopia Fusion electric bicycle, covering operation, maintenance, safety, and specifications. Learn how to assemble, adjust, and ride your Urtopia electric bicycle safely.</p>
	<p><u>Urtopia Carbon 1 Pro: Premium Carbon Fiber Electric Bike with Smart Features</u> Explore the Urtopia Carbon 1 Pro, a lightweight, full carbon fiber electric bike featuring advanced smart technology, a powerful motor, long-range battery, and intuitive connectivity for urban and off-road adventures.</p>