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URTOPIA EC1P

URTOPIA Carbon 1Pro Electric Bike User Manual

Model: EC1P | Brand: URTOPIA

Introduction

Welcome to the URTOPIA Carbon 1Pro Electric Bike user manual. This guide provides essential information for the setup, operation, maintenance, and troubleshooting of your new e-bike. Designed with aerospace-grade carbon fiber, the Carbon 1Pro offers a lightweight yet powerful riding experience, integrating smart technology for enhanced safety and convenience. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



The URTOPIA Carbon 1Pro Electric Bike, showcasing its sleek design and integrated smart features.

Setup

Unboxing and Initial Assembly

Your Carbon 1Pro e-bike arrives 95% pre-assembled, significantly reducing setup time. Carefully remove all packaging materials and inspect the bike for any signs of damage. The main assembly tasks include:

- Attaching the handlebars securely.
- Installing the front fender.
- Connecting the digital info screen.
- Mounting the front wheel.
- Attaching the pedals.

Refer to the included tool kit and detailed assembly instructions provided in the box for step-by-step guidance.

Battery Installation and Charging

The Carbon 1Pro features a UL-certified removable Samsung Li-ion battery integrated into the frame. To install or remove the battery, use the provided key to unlock it from the frame. Ensure it clicks securely into place when re-inserting.



The removable Samsung Li-ion battery, offering up to 80 miles of range.

For initial use, fully charge the battery. A full charge takes approximately 2.5 hours. You can charge the battery while it's installed in the bike or after removing it. Always use the official URTOPIA charger.

Key Features

Unique Design

The Carbon 1Pro boasts a distinct frame design crafted from aerospace-grade carbon fiber. This not only gives it a sleek and stealthy aesthetic but also optimizes shock absorption for a smooth ride across various terrains.

Ultra Lightweight Material

Weighing only 37 lbs, the Carbon 1Pro is one of the lightest electric bikes available. Despite its low weight, it supports a maximum recommended weight of 240 lbs, ensuring effortless maneuverability without compromising performance.



The Carbon 1Pro's carbon fiber frame makes it exceptionally lightweight and easy to handle.

Motor & Speed

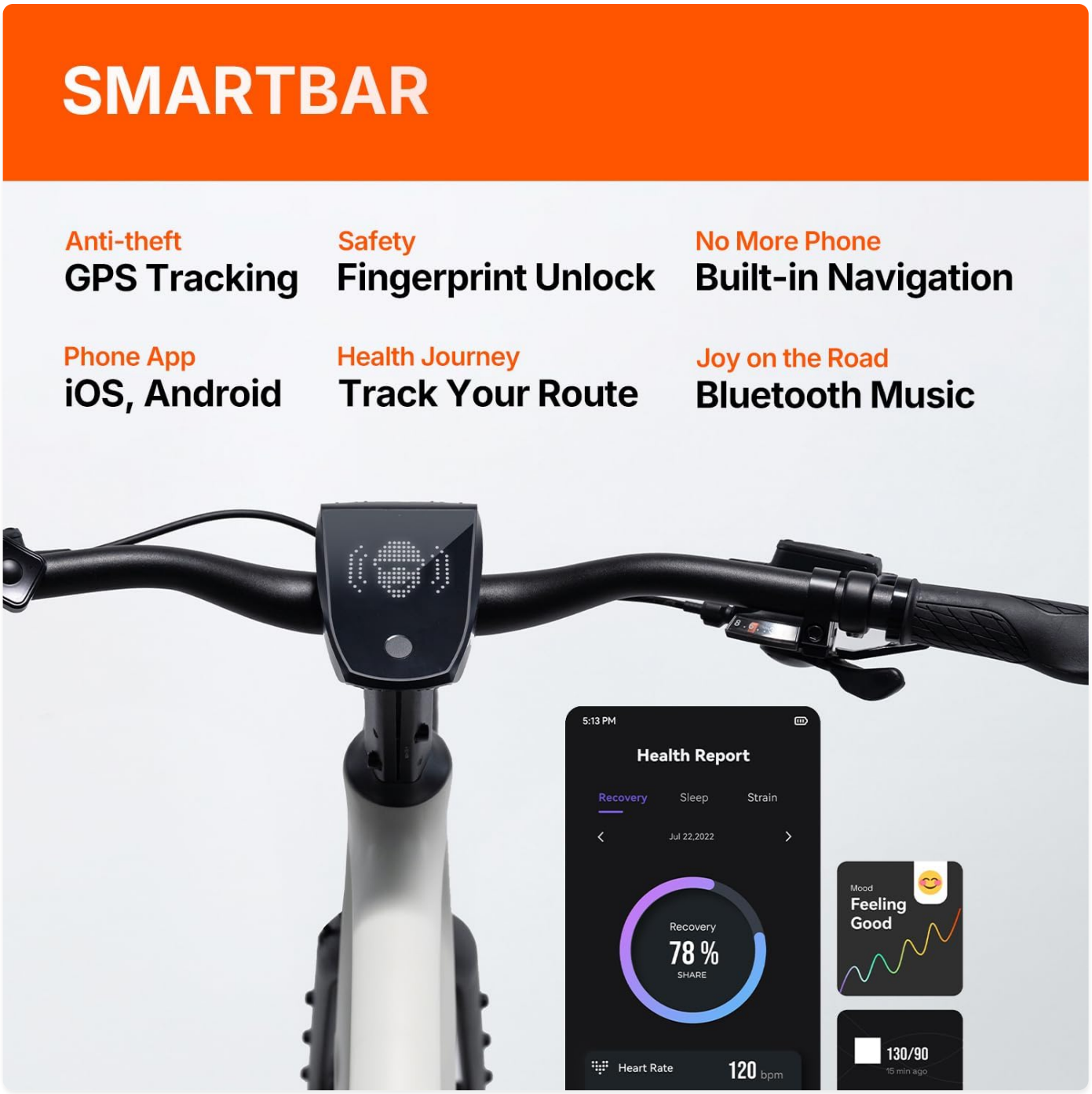
Equipped with a robust 350W (peak 750W) 45Nm brushless motor, the bike can reach a top speed of 25 MPH. The combination of 5 pedal assist modes, a torque sensor, and an 8-speed rear drivetrain provides powerful and smooth acceleration.



The powerful 750W peak motor ensures thrilling speeds and a silky-smooth ride.

Smart Features

The integrated Smartbar offers advanced functionalities including GPS navigation, anti-theft alarms, fingerprint unlock, and voice control. The Urtopia APP allows you to track your routes, monitor calorie burn, and share data on platforms like Strava.



The Smartbar provides advanced connectivity and security features for a modern riding experience.

Brakes and Drivetrain

The bike is equipped with reliable disc brakes for efficient stopping power. The 8-speed rear drivetrain ensures smooth gear transitions and efficient power usage across different riding conditions.

Tires

The Carbon 1Pro comes with high-quality Kenda tires, designed for durability and a smooth ride on various surfaces.

Operating Instructions

Powering On/Off

To power on the bike, use the fingerprint unlock feature on the Smartbar. To power off, use the designated power button or the app.

Pedal Assist and Gearing

The bike offers 5 levels of pedal assist. Use the controls on the handlebars to switch between modes. The 8-speed rear drivetrain allows you to adjust your pedaling effort for optimal comfort and efficiency on different inclines and terrains.

Smartbar and App Functions

The Smartbar serves as your central control unit. Connect your smartphone via Bluetooth to the URTOPIA app to access features like turn-by-turn navigation, ride tracking, and health reports. The built-in Bluetooth speaker allows you to play music or podcasts while riding, ensuring you remain aware of your surroundings.

Specifications

Feature	Detail
Bike Type	Electric Bike
Brand	URTOPIA
Model Name	EC1P
Frame Material	Carbon Fiber
Weight	37 lbs
Motor	350W (Peak 750W) 45Nm Brushless
Top Speed	25 MPH
Battery	UL 2849 Certified Removable Samsung Li-ion
Max Range	80 Miles
Charge Time	2.5 hours (Quick Charge)
Gears	8-Speed Rear Drivetrain
Brake Style	Disc
Special Features	GPS Navigation, Anti-theft Alarm, Fingerprint Unlock, Voice Control, Bluetooth Speaker
Included Components	Tool Kit

Maintenance

General Care

Regularly clean your e-bike with a soft cloth and mild detergent. Avoid high-pressure washing directly on electrical components. Check tire pressure before each ride and maintain it according to the recommended levels on the tire sidewall.

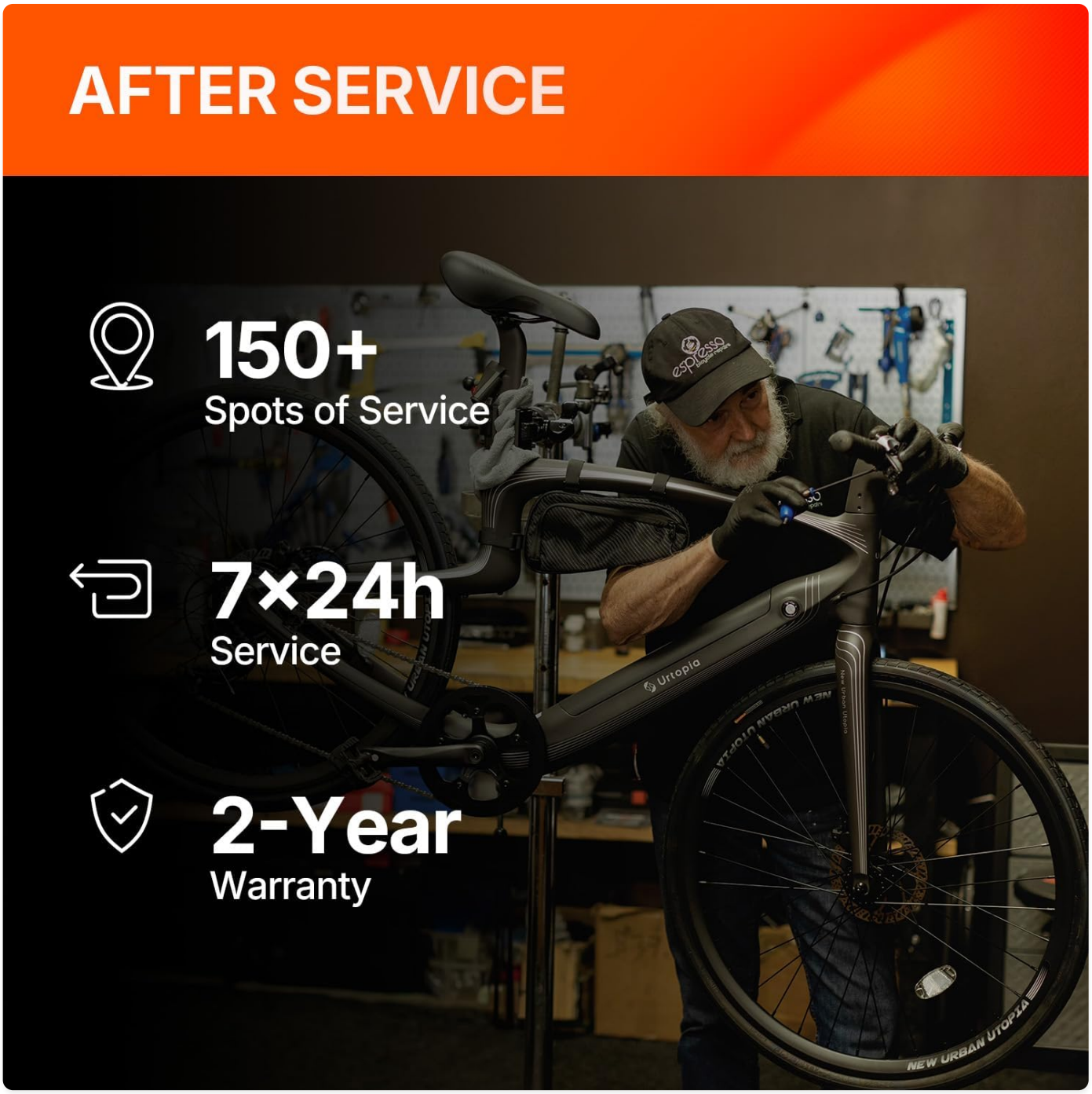
Battery Care

To prolong battery life, avoid fully discharging it frequently. Store the battery in a cool, dry place when not in use, and

charge it periodically if stored for extended periods. The battery is rated for 1000 charging cycles.

Brakes and Drivetrain

Inspect brake pads and discs regularly for wear. Ensure the chain is clean and lubricated to maintain smooth gear shifting and prevent premature wear. If you notice any issues with braking or shifting, consult a qualified bike technician.



URTOPIA offers comprehensive after-sales support and service for your e-bike.

Troubleshooting

If you encounter any issues with your Carbon 1Pro e-bike, first refer to the troubleshooting section in the full manual (not provided here). For persistent problems, contact URTOPIA customer support.

Warranty and Support

The URTOPIA Carbon 1Pro Electric Bike comes with a 2-year limited warranty. URTOPIA provides excellent customer care with a self-operated after-sales center, local spare parts stock, and 24/7 customer support. For any inquiries or

service needs, please reach out to their dedicated support team.

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