

Atomi Alpha/Alpha Lite

Atomi Electric Scooter User Manual

Models: E20, E30, Alpha Lite

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Atomi Electric Scooter. Please read this manual thoroughly before using the scooter to ensure proper function and to prevent injury or damage.

The Atomi Electric Scooter is designed for personal commuting, offering a blend of power, range, and portability. It features a durable aircraft-grade aluminum frame, a powerful motor, and advanced safety features.

2. SAFETY GUIDELINES

WARNING: Always wear a helmet and appropriate safety gear when riding. Adhere to local laws and regulations regarding electric scooter usage.

2.1 General Safety

- Ensure all components are securely fastened before each ride.
- Do not ride in heavy rain or through standing water. The scooter is IP65 certified for water resistance, but not fully submersible.
- Maintain a safe distance from other vehicles and pedestrians.
- Avoid sudden braking or sharp turns at high speeds.
- Do not exceed the maximum weight limit of 265 lbs.

2.2 Battery Safety

- Use only the original charger provided with the scooter.
- Do not attempt to open or modify the battery pack.
- Charge the battery in a well-ventilated area, away from flammable materials.
- Avoid exposing the battery to extreme temperatures.

3. SETUP AND ASSEMBLY

Your Atomi Electric Scooter comes partially assembled. Follow these steps to complete the setup:

1. **Unboxing:** Carefully remove the scooter and all accessories from the packaging. Inspect for any visible damage.
2. **Handlebar Installation:** Lift the handlebar stem to the upright position until it clicks into place. Secure the folding mechanism latch.
3. **Initial Charge:** Connect the charger to the scooter's charging port and then to a power outlet. The indicator light on the charger will change when fully charged (approx. 6 hours).
4. **Tire Check:** Although the 9-inch honeycomb tires are puncture-proof and do not require inflation, visually inspect them for any damage or debris before your first ride.



Figure 3.1: Atomi Electric Scooter with its LCD display and smartphone app interface.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press and hold the power button on the LCD display dashboard to turn the scooter on or off.

4.2 Riding Modes

The scooter features multiple riding modes. Press the mode button to cycle through them:

- **Eco Mode:** For extended range and energy efficiency.
- **Standard Mode:** Balanced performance for daily commuting.
- **Sport Mode:** Maximum speed (up to 15.6 mph) and acceleration for dynamic riding.

4.3 Acceleration and Braking

Use the thumb throttle on the right handlebar to accelerate. The scooter is equipped with a drum brake and a regenerative E-ABS anti-lock braking system for effective stopping power. Apply the brake lever on the left handlebar to slow down or stop.

High-Performance Battery



Figure 4.1: Internal view of the Atom Electric Scooter's high-performance battery and 650W motor.

4.4 Lighting and Indicators

The scooter features an ultra-bright LED front light, a red rear light, and rear turning indicators for enhanced visibility. It also includes 14 colorful ambient light modes. Use the dedicated buttons on the handlebar to control lighting and turn signals.

Light Up the Ride



LED Head Light



14 Ambient Lights



Tail Light



Indicators

Figure 4.2: The scooter's LED headlight, tail light, and indicators for improved safety and visibility.

4.5 Smart App Control

Download the Atomi Alpha Scooter app to access additional features such as navigation, digital lock, speed mode selection, riding records, and light control. The app provides a comprehensive dashboard for managing your ride.

LCD Display and Smart App

 Navigation
Map

 Digital
Lock

 Speed
Mode

 Riding
Record

 Cruise
Control

 Battery
Level

 Light
Control


 LCD
Display
Dashboard



Figure 4.3: The LCD display dashboard and the smart app interface for comprehensive control.

4.6 Folding Mechanism

The scooter features a patented double-insured folding mechanism for easy portability and storage. Simply flip, fold, and clip the scooter in three smooth steps. This allows for convenient transport in car trunks or other compact spaces.

Portable To Carry On The Go

Durable Aircraft-grade Aluminum Frame

36.5 lbs

Light Weight

265 lbs

Max Load



Figure 4.4: The scooter's lightweight and foldable design makes it easy to carry.

4.7 Built-in Anti-Theft Lock

The Atomi Electric Scooter includes a built-in combination lock for added security. This feature eliminates the need for external bulky locks, providing convenience and peace of mind.

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Video 4.1: Demonstration of the Atomi Alpha Electric Scooter's features, including the built-in anti-theft lock.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your scooter.

- **Cleaning:** Wipe down the scooter with a damp cloth after each use. Avoid using high-pressure water jets.
- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Store the scooter in a cool, dry place.
- **Brake Inspection:** Periodically check the brake system for proper function and wear. Adjust or replace components as needed.
- **Fastener Check:** Ensure all screws and bolts are tight and secure.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Power button not pressed correctly	Charge the battery; Press and hold the power button firmly
Reduced range/speed	Low battery; Overload; Riding uphill frequently	Fully charge battery; Reduce load; Use appropriate riding mode
Brakes not effective	Brake cable loose; Brake pads worn	Adjust brake cable tension; Replace brake pads

7. SPECIFICATIONS

Model: Alpha/Alpha Lite (also E20/E30 variants)

Motor: Max 650W Powerful Rear Motor

Battery: 36V 7.8Ah 280WH Lithium-ion

Max Speed: Up to 15.6 Mph

Max Range: Up to 18.6 Miles

Charging Time: Approx. 6 hours (with 2A charger)

Weight Limit: 265 Pounds

Tires: 9-inch Honeycomb Puncture-Proof Tubeless Tires

Frame Material: Aircraft-grade Aluminum

Braking System: Drum Brake + Regenerative E-ABS Anti-lock Braking System

Water Resistance: IP65 Certified

Special Features: Cruise Control, LCD Display, Smart App Control, 14 Colorful Ambient Light Modes, Built-in Combination Lock, Rear Turning Indicators

8. WARRANTY AND SUPPORT

Atomi offers a **One Year Warranty** on this product. For any inquiries or support, please contact Atomi Customer Service.

Contact: support@atomiscooters.com

You can also visit the official Atomi Store for more information: [Atomi Store on Amazon](#)