

Blutron S65

Blutron S65 Electric Scooter User Manual

Model: S65

1. INTRODUCTION

Welcome to the Blutron S65 Electric Scooter user manual. This guide provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new electric scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

Product Overview

The Blutron S65 is a high-performance electric scooter designed for adult commuters, offering an extended range, powerful motor, and smart connectivity features. It combines robust construction with user-friendly design for a reliable and enjoyable riding experience.

Your browser does not support the video tag.

Video 1.1: Blutron Electric Scooter Overview. This video provides a general introduction to the Blutron electric scooter, highlighting its design and use in various environments.

2. KEY FEATURES

The Blutron S65 Electric Scooter is equipped with advanced features to enhance your commuting experience:

- **Extended Battery Life:** High-capacity lithium-ion battery offering up to 40 miles of range on a single charge under optimal conditions.
- **Powerful Performance:** Robust 500W motor with 800W peak power, reaching speeds up to 20 MPH and supporting riders up to 250 lbs.
- **Durable Tires:** 10-inch tubeless pneumatic tires designed for reduced rolling resistance, minimized risk of flats, and enhanced traction.
- **Dual Braking System:** Equipped with both front drum brake and rear electric brake for reliable and responsive stopping power.
- **Portable & Foldable Design:** Features a convenient one-step folding system for easy storage and transport.
- **Smart App Connectivity:** Seamless Bluetooth connection to the Blutron App for advanced control and monitoring.

Performance Capabilities

Experience rapid acceleration and efficient uphill climbing with the S65's powerful motor.



800W Peak Power
400W Rated Power

≥ 20%

Uphill Capability



20MPH

Max Speed



4.5s

0 to 15MPH



Image 2.1: Performance Highlights. This image illustrates the scooter's powerful 800W peak motor, 20 MPH top speed, 20% uphill capability, and quick acceleration from 0 to 15 MPH in 4.5 seconds.



Image 2.2: Motor Diagram. A detailed view of the internal components of the S65's powerful motor.

Battery and Range

The S65 is equipped with a high-capacity battery for extended travel distances.



BLUTRON

540Wh Lithium-ion Battery 40 Miles Long Range



*Typical Range: tested while riding under full battery, 165.3 lbs (75.0 kg) load, 77°F (25°C), 9.32mph speed on average on pavement.

Image 2.3: Battery and Range. This image highlights the 540Wh Lithium-ion battery, providing up to 40 miles of range.

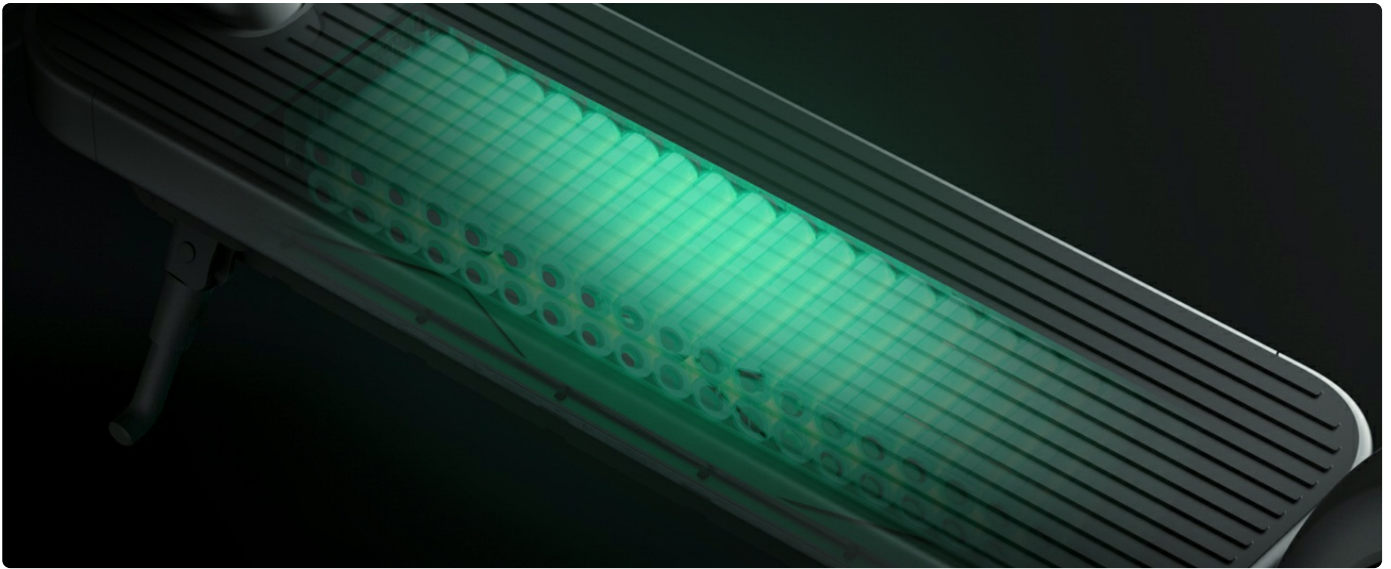


Image 2.4: Integrated Battery. A visual representation of the battery pack integrated within the scooter's deck.

Tires and Braking System

The S65 features robust tires and a reliable dual braking system for safety and control.



Image 2.5: Braking and Tires. This image details the front drum brake, rear electric brake, and the 10-inch tubeless tires designed for durability and grip.

Image 2.6: INNOVA Pneumatic Tire. A close-up view of the 10-inch INNOVA pneumatic tire, emphasizing its tread pattern for optimal

performance.

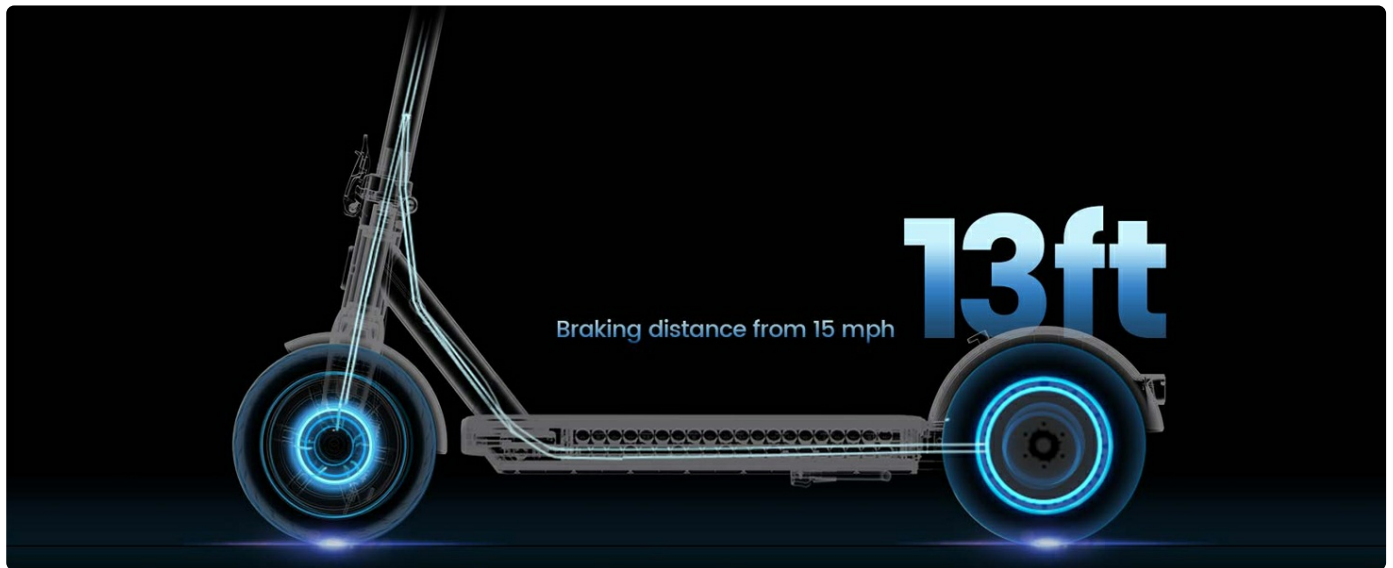


Image 2.7: Braking Distance. This diagram shows the scooter's effective braking distance of 13 feet when stopping from 15 MPH.

Design and Durability

The S65 is built with high-quality materials for durability and user comfort.

Ergonomically Friendly

40 Miles
Long Range

20 MPH
Max. Speed

6.7 Inch
Deck Width

265 LBS
Max. Payload

Image 2.8: Ergonomic Design. This image highlights the scooter's ergonomic design, including its 6.7-inch wide deck and 250 lbs (265 lbs in image) maximum payload capacity.



Image 2.9: Scooter Dimensions. A visual guide to the scooter's dimensions, including its height, deck length, and deck width.



Image 2.10: Water Resistance. The scooter is designed with water-resistant features, as shown by the wheel splashing through water.

Smart App and Display

Control and monitor your ride with the intuitive Blutron App and integrated dashboard.

Smart Control with Blutron App



Lock/Unlock



Customize Speed
and Acceleration



Riding Status



Battery Health
Detection

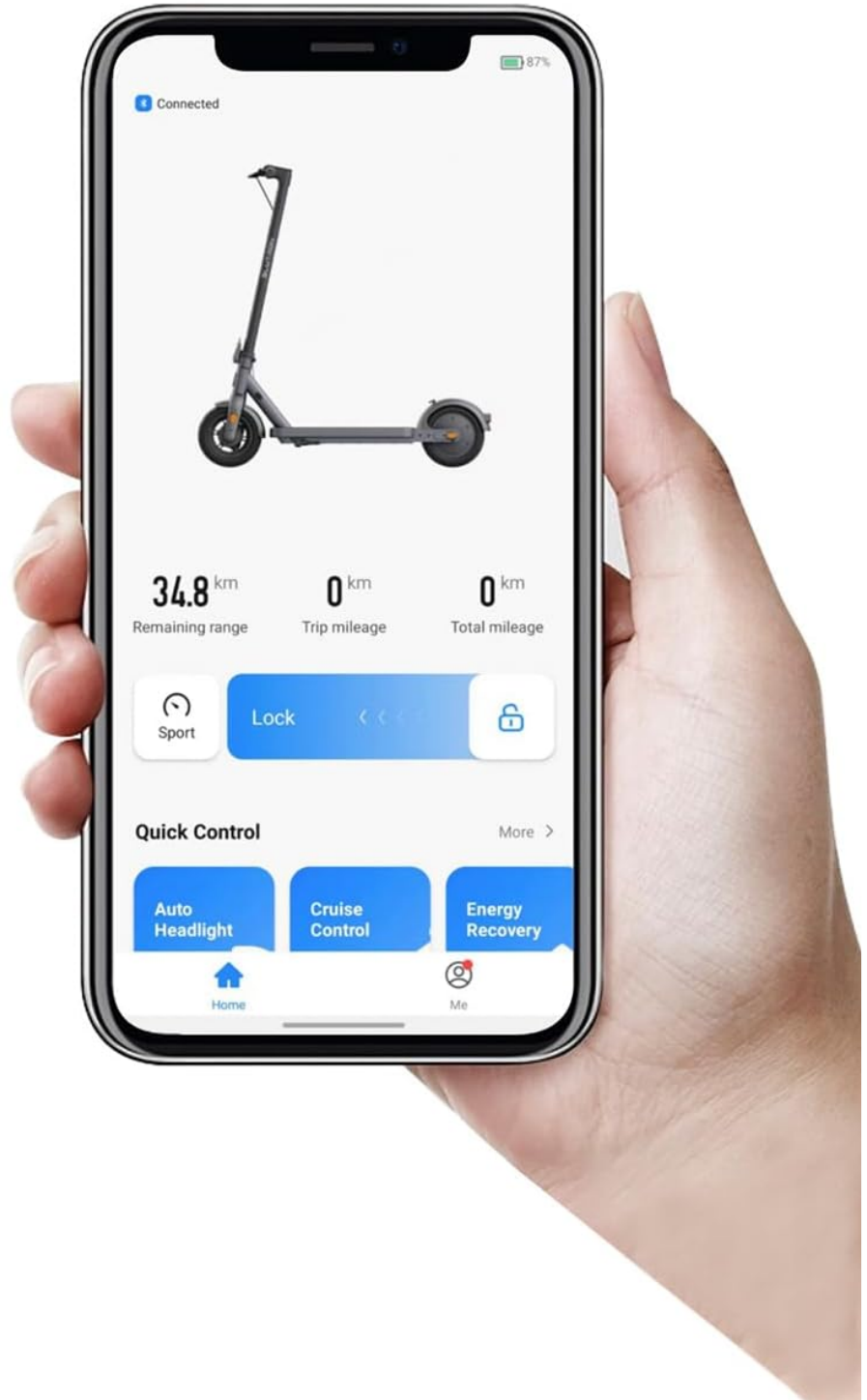


Image 2.11: Blutron App Interface. This image shows the Blutron App, allowing users to lock/unlock, customize speed, view riding status, and check battery health.



Image 2.12: Scooter and App Integration. A visual of the scooter alongside the Blutron App, demonstrating seamless connectivity and control.



Image 2.13: Interactive Dashboard. A detailed view of the scooter's dashboard, providing real-time information such as speed, battery status, and odometer readings.



Image 2.14: Automatic Headlight. The scooter features an automatic 100 lumens LED headlight for improved visibility during low-light conditions.

3. SETUP GUIDE

Follow these steps to set up your Blutron S65 Electric Scooter for the first time:

1. **Unboxing:** Carefully remove the scooter and all accessories from the packaging. Retain packaging for future storage or transport.
2. **Unfolding:** Place the scooter on a flat surface. Release the folding mechanism and carefully raise the handlebar stem until it locks into place. Ensure all locking mechanisms are securely engaged.
3. **Handlebar Assembly:** Attach the handlebars to the stem if they are not pre-installed. Ensure they are firmly secured according to the instructions provided in the quick start guide.
4. **Initial Charge:** Before first use, fully charge the scooter's battery. Connect the charger to the charging port and plug it into a power outlet. The indicator light on the charger will change when charging is complete.
5. **Tire Pressure Check:** Verify that the tires are inflated to the recommended pressure (refer to the tire sidewall or

specifications section for details). Proper tire pressure is crucial for ride quality and range.

6. **Blutron App Connection:** Download the Blutron App from your device's app store. Follow the in-app instructions to pair your scooter via Bluetooth. This will unlock smart features and allow for ride customization.
7. **Safety Check:** Before your first ride, perform a thorough safety check. Ensure brakes are functioning correctly, all screws and bolts are tight, and the folding mechanism is secure.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the operating procedures for a safe and enjoyable ride:

Powering On/Off

- **Power On:** Press and hold the power button on the dashboard for a few seconds until the display illuminates.
- **Power Off:** Press and hold the power button again until the display turns off.

Riding the Scooter

1. **Kick-Start:** For safety, the motor engages after a slight kick-off. Push off with your foot to gain a small amount of momentum (approx. 2-3 MPH).
2. **Acceleration:** Once moving, gently press the throttle lever with your thumb to accelerate. Increase pressure for more speed.
3. **Braking:** To slow down or stop, release the throttle and gently squeeze the brake lever on the handlebar. The dual braking system (front drum and rear electric) provides effective stopping power.
4. **Turning:** Lean slightly in the direction you wish to turn and gently steer the handlebars.
5. **Speed Modes:** The scooter may have multiple speed modes (e.g., ECO, Standard, Sport). Cycle through these modes using the dedicated button on the dashboard or via the Blutron App to adjust performance to your preference and environment. ECO mode maximizes range.
6. **Cruise Control:** Activate cruise control via the Blutron App or dashboard settings for consistent speed on long rides. Deactivate by applying the brake or throttle.

Blutron App Usage

The Blutron App provides enhanced control and monitoring features:

- **Lock/Unlock:** Secure your scooter remotely.
- **Ride History & Metrics:** Track your distance, speed, and other performance data.
- **Automatic Headlight Control:** Manage the automatic headlight feature.
- **Energy Usage Optimization:** Monitor and optimize battery consumption.
- **Customization:** Adjust speed thresholds and acceleration settings to tailor your riding experience.

Your browser does not support the video tag.

Video 4.1: Introducing the Blutron One Series. This video provides a quick overview of the Blutron One series, showcasing its features and ease of use.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Blutron S65 Electric Scooter:

- **Battery Care:**
 - Charge the battery fully after each use, especially if storing for extended periods.
 - Avoid completely draining the battery.
 - Store the scooter in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Tire Maintenance:**
 - Check tire pressure regularly (weekly or before each ride). Maintain recommended PSI for optimal performance and to prevent flats.
 - Inspect tires for wear, cuts, or punctures. Replace worn tires promptly.
- **Brake Inspection:**
 - Regularly check the brake levers for proper tension and responsiveness.
 - Ensure the drum brake and electric brake are functioning effectively.
 - If braking performance degrades, consult a qualified technician.
- **Cleaning:**
 - Wipe down the scooter with a damp cloth after use. Avoid using high-pressure water jets or harsh chemicals.
 - Do not submerge the scooter in water.
- **General Checks:**
 - Periodically check all screws and bolts for tightness. Tighten any loose fasteners.
 - Inspect the folding mechanism to ensure it operates smoothly and locks securely.
 - Keep the scooter clean and free of debris, especially around moving parts.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Blutron S65 Electric Scooter:

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose connections; Power button malfunction	Charge the battery fully; Check all visible cable connections; Contact customer support if issue persists.
Reduced range or power	Under-inflated tires; Overload; Cold weather; Battery degradation	Inflate tires to recommended PSI; Ensure rider weight is within limits; Battery performance may be reduced in cold temperatures; Consider battery replacement if significant degradation.
Brakes not responsive	Brake cable loose; Worn brake pads; Electric brake issue	Adjust brake cable tension; Inspect and replace brake pads if worn; Consult a qualified technician for electric brake issues.
App connectivity issues	Bluetooth off; App outdated; Scooter not in pairing mode	Ensure Bluetooth is enabled on your device; Update the Blutron App to the latest version; Restart the scooter and try pairing again.

Problem	Possible Cause	Solution
Unusual noises during ride	Loose components; Debris in wheels; Motor issue	Check all fasteners for tightness; Inspect wheels and motor area for debris; If noise persists, seek professional inspection.

7. SPECIFICATIONS

Detailed technical specifications for the Blutron S65 Electric Scooter:

Specification	Value
Brand	Blutron
Model Name	S65
Color	Black
Age Range (Description)	16+
Special Feature	Water-Resistant, Portable, Folding, LCD-Display, Lightweight
Weight Limit	250 Pounds
Product Dimensions (LxWxH)	45.47"L x 20.08"W x 46.85"H
Number of Wheels	2
Wheel Material	Rubber
Frame Material	Aluminum
Item Weight	36.2 Pounds
Handlebar Type	Fixed
Wheel Size	10 Inches
Wheel Type	Pneumatic
Suspension Type	Rigid
Grip Type	Rubber
Brake Style	Front Braking (Dual System: Front Drum & Rear Electric)
Warranty Type	Limited
Recommended Uses For Product	Urban Commuting
Maximum Distance Range	40 Miles (in ECO mode)
Manufacturer	Blutron
Model Year	2025

8. WARRANTY AND SUPPORT

Your Blutron S65 Electric Scooter comes with a limited warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including coverage details and duration.

Customer Support

For technical assistance, warranty claims, or general inquiries, please contact Blutron customer support. Have your product model and purchase date ready when contacting support.

- **Online Support:** Visit the official Blutron website for FAQs, support articles, and contact forms.
- **Email Support:** [Insert Email Address Here - if available]
- **Phone Support:** [Insert Phone Number Here - if available]

Blutron is committed to providing high-quality products and excellent customer service. We appreciate your choice of the Blutron S65 Electric Scooter.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question