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SMOOSAT SA3

SmooSat SA3 Electric Scooter User Manual

Model: SA3

1. INTRODUCTION

This user manual provides essential information for the safe operation, maintenance, and troubleshooting of your SmooSat SA3 Electric Scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

2. SAFETY GUIDELINES

Always prioritize safety when operating the electric scooter. Failure to follow safety instructions can result in serious injury or damage to the product.

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Do not ride in wet conditions, heavy rain, or through puddles.
- Avoid riding on uneven surfaces, steep inclines, or over obstacles.
- Ensure all screws and components are securely fastened before each ride.
- Adhere to local traffic laws and regulations.
- Do not allow children under the recommended age to operate the scooter.
- Maintain a safe distance from pedestrians and other vehicles.

3. PACKAGE CONTENTS

Upon unboxing your SmooSat SA3 Electric Scooter, verify that all components are present and in good condition. The package should include:

- SmooSat SA3 Electric Scooter
- Charger
- Allen Wrench (x3)
- Open End Wrench
- Warranty Card
- Owner's Manual (this document)
- The Folding Guide
- Screws (x4)



Image: SmooSat SA3 Electric Scooter and its included accessories.

Video: Unboxing and initial setup of the SmooSat SA3 Electric Scooter, showing all package contents.

4. SETUP

Follow these steps to assemble your scooter before first use:

1. Carefully remove the scooter and all components from the packaging.
2. Unfold the scooter by releasing the folding mechanism. Ensure the stem is securely locked into place.
3. Attach the handlebars to the stem using the provided screws and Allen wrench. Ensure they are firmly secured.
4. Fully charge the scooter's battery before its first use. The charging port is located on the side of the deck, covered by a red rubber flap.

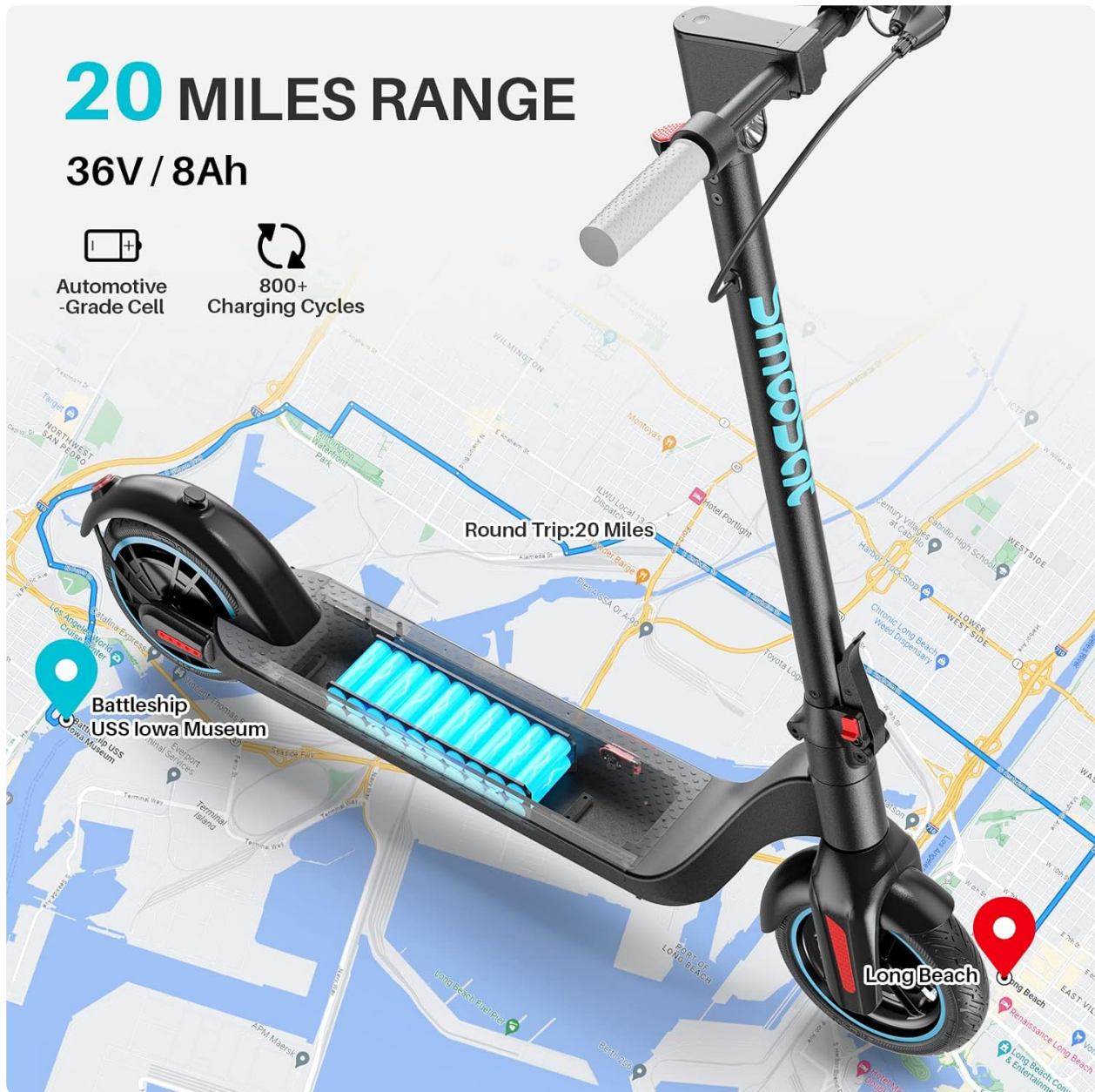


Image: The SmooSat SA3 Electric Scooter, illustrating its impressive 20-mile range on a map.

Video: Detailed assembly steps for the SmooSat SA3 Electric Scooter, including handlebar attachment and folding mechanism.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the scooter's controls and functions for a smooth riding experience.

Controls Overview:

- **Brake Handle:** Located on the left handlebar, used to engage the braking system.
- **Bell:** Located on the left handlebar, used to alert others.
- **LED Dashboard:** Central display showing speed, battery level, and mode.
- **Throttle:** Located on the right handlebar, used to accelerate.

Power On/Off:

Press and hold the power button on the LED dashboard for 3 seconds to turn the scooter ON or OFF.

Changing Gear/Speed Mode:

Quick press the power button once to cycle through different speed gears (e.g., Eco, Drive, Sport).

Headlight Control:

Quick press the power button twice to turn the headlight ON or OFF.

Cruise Control:

Press the power button five times in a row to activate cruise control. When activated, the scooter will maintain its current speed, reducing hand fatigue. To deactivate, simply press the brake or throttle.

REAL-TIME LED DISPLAY



Image: Close-up of the SmooSat SA3's real-time LED display, showing current speed and battery status.

Video: Demonstrates power on/off, gear changes, and headlight operation on the SmooSat SA3 Electric Scooter.

Video: Showcases the SmooSat SA3 Electric Scooter in various commuting scenarios, highlighting its ease of use and portability.

Video: Features the SmooSat SA3 Electric Scooter in urban environments, emphasizing its convenience for daily commutes.

Video: A brand video for the SmooSat SA3, illustrating its design and functionality for adult riders.

6. FEATURES

Powerful Motor & Range:

The SA3 is equipped with a 350W brushless hub motor, providing a top speed of up to 15.6 mph (25 km/h). It can effortlessly glide up a 14° hill and offers a substantial range of 20 miles per charge, making it ideal for urban commuting.

350W BRUSHLESS HUB MOTOR



14°

Climbing ability



15.6 MPH

Ride up to



Image: Diagram illustrating the powerful 350W brushless hub motor of the SmooSat SA3 Electric Scooter.

Long-Lasting Battery:

Featuring an automotive-grade 36V/8Ah 21700 Power Battery, the SA3 boasts a cycle life 50% higher than regular cells, reaching over 1200 cycles. This translates to an estimated service life of at least 7 years for an average adult user.

Durable Tires:

The scooter utilizes 8.5-inch non-pneumatic (solid) rubber tires, which are anti-puncture, shock-absorbing, and require less maintenance compared to air-filled tires.

8.5" NON-PNEUMATIC TIRE



Anti-puncture



Shock-absorbing



Less maintenance



Image: Close-up of the SmooSat SA3's 8.5-inch non-pneumatic tire, highlighting its durability and low maintenance.

Dual Safety Braking System:

The SA3 is equipped with a comprehensive braking system for enhanced safety. It includes a rear electronic brake to prevent forward leaning during sudden stops and a front drum brake with E-ABS anti-lock braking system for efficient and safe stopping.



Image: Visual representation of the SmooSat SA3's dual safety braking system, featuring both electronic and drum brakes.

Portable Folding Design:

The SA3 features an easy 3-second folding mechanism, making it highly portable. When folded, it measures just 42.1 inches by 19.7 inches by 20.3 inches, allowing for convenient transport on public transportation or storage in compact spaces.



Image: Dimensions of the SmooSat SA3 Electric Scooter in both unfolded and folded states, highlighting its compact design.



Image: Demonstrates the easy folding and portability of the SmooSat SA3 Electric Scooter, showing it being carried.

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your scooter.

- **Cleaning:** Wipe down the scooter with a damp cloth after each use. Avoid using high-pressure water or harsh chemicals.
- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Avoid completely draining the battery. Store in a cool, dry place.
- **Brakes:** Periodically check the brake levers and cables for proper tension and function. Adjust if necessary.
- **Tires:** Although non-pneumatic, inspect tires for wear and tear.
- **Fasteners:** Regularly check all screws and bolts to ensure they are tight.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your SmooSat SA3 Electric Scooter.

Problem	Possible Cause	Solution
Scooter does not power on.	Low battery; Power button not held long enough.	Charge the battery; Press and hold the power button for 3 seconds.
Reduced range or speed.	Low battery; Overload; Riding uphill frequently.	Fully charge battery; Ensure rider weight is within limits (220 lbs); Adjust riding style.
Brakes feel loose or ineffective.	Brake cable tension is low.	Adjust brake cable tension (refer to assembly section or seek professional help).
Unusual noises during operation.	Loose components; Debris in wheels.	Check all fasteners; Inspect wheels for foreign objects.

9. SPECIFICATIONS

Feature	Detail
Brand	SMOOSAT
Model Name	SA3
Color	Gray
Age Range (Description)	Adult
Special Feature	Lights, Foldable
Weight Limit	220 Pounds
Number of Wheels	2
Wheel Material	Rubber
Frame Material	Aluminum
Handlebar Type	Foldable
Handle Height	43.7 Inches
Wheel Size	8.5 Inches
Wheel Type	Solid
Brake Style	Rear Electronic Brake, Front Drum Brake & E-ABS
Charging Time	6 Hours
Maximum Distance Range	20 Miles
UPC	749350197656

10. WARRANTY AND SUPPORT

SmooSat is committed to providing excellent customer service. The SA3 Electric Scooter comes with a lifetime warranty. For any questions, concerns, or support needs, please feel free to contact SmooSat customer service. You can also refer to the official User Guide (PDF) for additional information.