SISIGAD HY-B20

SISIGAD Electric Scooter User Manual

Model: HY-B20

1. Product Overview

The SISIGAD Electric Scooter is designed for adult commuting, offering a blend of power, range, and portability. It features a robust motor, dual shock absorption, and a triple braking system for a safe and comfortable ride. Its foldable design allows for easy storage and transport.



Figure 1.1: The SISIGAD Electric Scooter, showcasing its design, integrated app control display, and a user riding the scooter in the background.

2. Safety Information

Always prioritize safety when operating the electric scooter. Adhere to local traffic laws and regulations. It is highly recommended to wear a helmet and appropriate protective gear during use.

2.1 Braking System

The scooter is equipped with a comprehensive triple brake system, including E-ABS electronic brake and both front and rear disc brakes. This system ensures timely and responsive stopping power for enhanced safety.



Figure 2.1: Illustration of the triple brake system, highlighting the rear disc brake and the handlebar-mounted brake lever for effective stopping.

2.2 Lighting System

For improved visibility and safety, especially in low-light conditions, the scooter features an automatic headlight and taillight. These lights activate automatically when entering a dark environment.



Figure 2.2: The automatic headlight and taillight system, demonstrating their function for safe riding at night or in dim conditions.

3. Setup and Assembly

3.1 Unboxing and Initial Inspection

Upon receiving your scooter, carefully remove it from the packaging. Inspect all components for any signs of damage during transit. Ensure all parts listed in the packing list are present.

3.2 Folding and Unfolding

The SISIGAD Electric Scooter features a one-step folding mechanism for convenient storage and portability. To fold, locate the folding latch near the base of the handlebar stem and follow the instructions provided in the quick start guide. Ensure the mechanism locks securely when unfolded for riding.



Figure 3.1: The scooter in its folded state, demonstrating its portability and ease of carrying, such as when ascending stairs.

3.3 Initial Charging

Before first use, fully charge the scooter's battery. Connect the charger to the charging port on the scooter and then to a standard power outlet. The charging indicator will change when the battery is full.

4. Operating Instructions

4.1 Power On/Off

To power on the scooter, press and hold the power button on the display. To power off, press and hold the same button until the display turns off.

4.2 Speed Modes

The scooter offers multiple speed modes to suit different riding conditions and preferences. Double-click the power button to cycle through Low (L), Medium (M), and High (H) speed modes. Each mode has a distinct maximum speed.

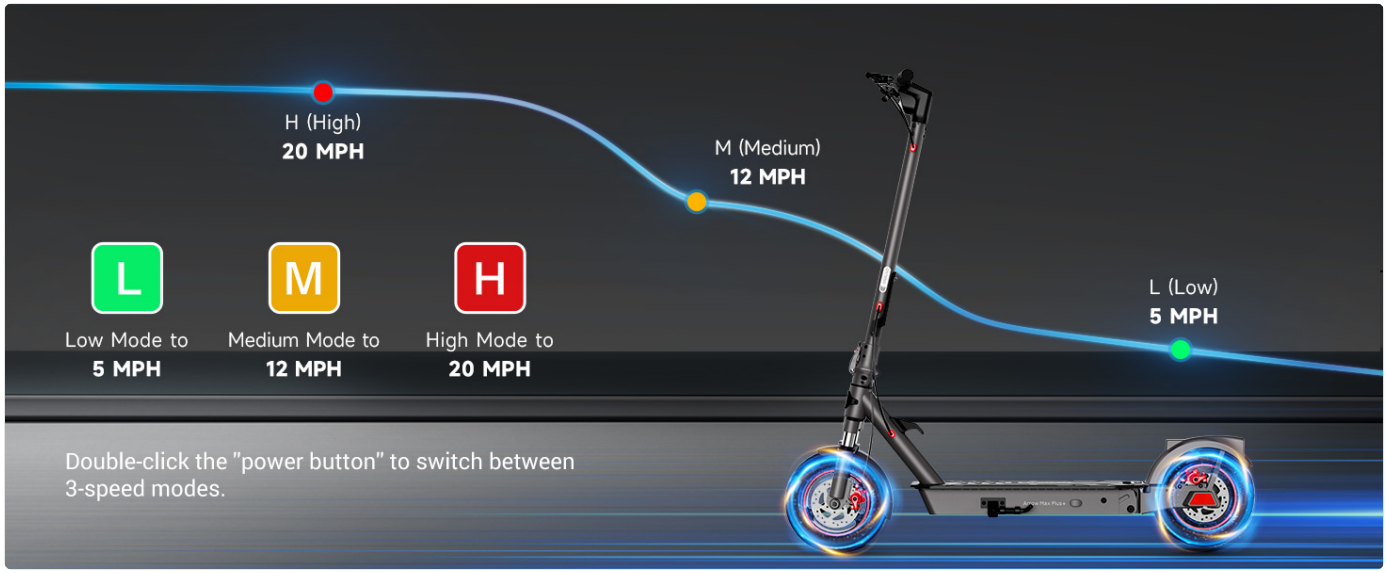


Figure 4.1: Visual representation of the three available speed modes (Low, Medium, High) and their corresponding maximum speeds, selectable by double-clicking the power button.

4.3 Smart LCD Display and App Control

The integrated Smart LCD Display provides real-time riding data, including current speed, mileage, and remaining battery life. The scooter also supports app control via the "SISIGAD APP," allowing for detailed information and settings adjustments directly from your smartphone.



Figure 4.2: The Smart LCD Display on the handlebar, showing key riding metrics, alongside a smartphone screen demonstrating the SISIGAD app interface for comprehensive control and data viewing.

4.4 Riding Guidelines

- Ensure the scooter is fully charged before long rides.
- Maintain a safe distance from other vehicles and pedestrians.
- Avoid riding in heavy rain or through deep puddles to prevent damage to electronic components.
- Always use both brakes for effective stopping.

5. Maintenance

5.1 Battery Care

To prolong battery life, avoid completely draining the battery. Charge the scooter regularly, even if not in frequent use. Store the scooter in a cool, dry place when not in use for extended periods, ensuring the battery has some charge.

5.2 Tire Maintenance

The scooter features a 10-inch front pneumatic tire and a rear solid tire. Regularly check the air pressure of the front pneumatic tire to ensure optimal performance and ride comfort. The rear solid tire is designed to be maintenance-free.



Figure 5.1: The 10-inch front pneumatic tire, designed for shock absorption, and the rear solid tire, which requires no maintenance.

5.3 Cleaning and Storage

Clean the scooter with a damp cloth. Avoid using high-pressure water jets or harsh chemicals. Store the scooter in a dry, covered area to protect it from elements and extreme temperatures.

6. Troubleshooting

This section addresses common issues you might encounter with your SISIGAD Electric Scooter. For problems not listed here or if solutions do not resolve the issue, please contact customer support.

- **Scooter Not Turning On:** Ensure the battery is charged. Check the power button for proper function. If the issue persists after charging, the battery or power system may require inspection.
- **Motor Not Engaging:** Verify that the scooter is powered on and not in a locked or standby mode. Check for any error codes on the LCD display. Ensure the accelerator is fully depressed.
- **Reduced Speed/Range:** This can be due to low battery charge, riding uphill frequently, carrying heavy loads, or improper tire pressure (for pneumatic tire). Ensure the scooter is in the appropriate speed mode.
- **Brakes Not Responsive:** Check the brake levers and cables for any looseness or damage. Ensure the disc brakes are clean and free from obstructions.

7. Specifications

Detailed technical specifications for the SISIGAD Electric Scooter Model HY-B20.

Feature	Specification
Brand	SISIGAD
Model Name	Arrow Max Plus+ (HY-B20)
Motor	Peak 630W Brushless Motor (500W Rated)
Top Speed	Up to 25 Mph (actual speed may vary based on rider weight and terrain)
Maximum Range	Up to 35 Miles (typical range up to 26 miles per charge)
Battery	36V/10.4AH Lithium Battery
Weight Limit	220 Pounds (100 kg)
Wheel Size	10 Inches
Wheel Type	Front Pneumatic, Rear Solid
Suspension Type	Dual Suspension (Front & Rear)
Brake Style	Front Braking, Rear Braking (Triple Brake System: E-ABS + Front & Rear Disc)
Frame Material	Aluminum
Special Features	Foldable, Portable, App Control, Smart LCD Display, Auto Headlight & Taillight

7.1 Key Components Visuals



Figure 7.1: The 500W powerful brushless motor, providing efficient propulsion for the scooter.



Figure 7.2: The 36V/10.4AH large-capacity lithium battery, designed for extended range and long battery life.



Figure 7.3: The front and rear dual suspension system, engineered to provide a smooth and comfortable ride even on uneven surfaces.

8. Warranty Information

The SISIGAD Electric Scooter Model HY-B20 comes with a**180-day warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

9. Customer Support

For any questions, technical assistance, or warranty claims, please contact SISIGAD customer support. Refer to the contact information provided on the product packaging or the official SISIGAD website for the most up-to-date support channels.

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