SISIGAD Hy-b16a

SISIGAD B16A Dart Max Electric Scooter User Manual

Model: Hy-b16a

1. Introduction

Thank you for choosing the SISIGAD B16A Dart Max Electric Scooter. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new electric scooter. Please read it thoroughly before your first ride to ensure optimal performance and safety.

The SISIGAD B16A Dart Max is designed for urban commuting and leisure, offering a powerful 500W peak motor, extended range, and advanced safety features. Its foldable design ensures convenient storage and portability.

2. Safety Guidelines

Your safety is paramount. Always wear a helmet and appropriate protective gear when riding. Adhere to local traffic laws and regulations. Avoid riding in adverse weather conditions or on slippery surfaces.

- Do not exceed the maximum weight capacity of 220 lbs (100 kg).
- Ensure all screws and components are securely fastened before each ride.
- Maintain a safe distance from other vehicles and pedestrians.
- The scooter is equipped with a dual braking system (E-brake + disc brake) for effective stopping power. Familiarize yourself with its operation.
- This product has passed rigorous safety and quality tests, including UL2272 certification.



Illustration of the scooter's safety features, including the LED headlight, rear light, and the dual braking system.

3. Package Contents

Please check the box for the following items:

- SISIGAD B16A Dart Max Electric Scooter
- User Manual
- Power Adapter
- Hex Key
- Screws for assembly

4. Assembly & Initial Setup

The scooter comes partially assembled. Follow these steps to complete the setup:

1. **Handlebar Installation:** Carefully attach the handlebar to the main stem. Align the screw holes and use the provided hex key and screws to tighten them securely. Ensure the handlebar is firmly in place and does not wobble.
2. **Initial Charge:** Before first use, fully charge the scooter's battery. Connect the power adapter to the charging port and plug it into a power outlet. The LED indicator on the charger will change color (e.g., red to green) when fully

charged.



The SISIGAD B16A Dart Max Electric Scooter, illustrating its design and folded state.

5. Operating Instructions

Familiarize yourself with the scooter's controls and features:

- **Power On/Off:** Press and hold the power button on the LED display to turn the scooter on or off.
- **Speed Modes:** The scooter offers multiple speed modes (Low, Medium, High). Double-click the power button to cycle through these modes. The maximum speed is 25 km/h.
- **Acceleration:** Gently press the throttle lever to accelerate. For initial movement, it is recommended to give a slight push with your foot before engaging the throttle.
- **Braking:** Use the brake lever on the handlebar to engage the dual E-brake and disc brake system for controlled deceleration and stopping.
- **LED Display:** The digital LED dashboard displays crucial information such as current mode, current speed, cruise control status, Bluetooth connection, and headlight status.
- **Headlights:** The scooter is equipped with an LED front light and a red rear light for improved visibility, especially at night.
- **App Connectivity:** The scooter can connect to a mobile application. As of now, the app is available for iOS devices. An Android version is expected around January 15th. The app allows for monitoring and adjusting certain settings.



Detailed view of the intelligent LED display and controls on the handlebar.



The scooter in motion, emphasizing its 500W peak power for efficient urban mobility.

6. Folding & Portability

The SISIGAD B16A Dart Max features a convenient one-step folding design, making it easy to transport and store:

- Locate the folding mechanism on the scooter's stem.
- Follow the instructions to release the locking mechanism and fold the stem downwards until it clicks into place.
- The folded scooter is compact and weighs approximately 16kg, suitable for carrying on public transport or storing in small spaces.



The scooter's foldable design allows for easy transport and storage.

7. Maintenance & Care

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

- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Avoid completely draining the battery. Store the scooter in a cool, dry place.
- **Tire Maintenance:** The 10-inch tires provide excellent shock absorption. Regularly inspect tires for wear and tear. Ensure they are free from punctures or damage.
- **Cleaning:** Wipe the scooter with a damp cloth after use. Avoid using high-pressure water jets or harsh chemicals.
- **Component Check:** Periodically check all screws, bolts, and connections to ensure they are tight and secure. Loose components can affect performance and safety.

8. Troubleshooting

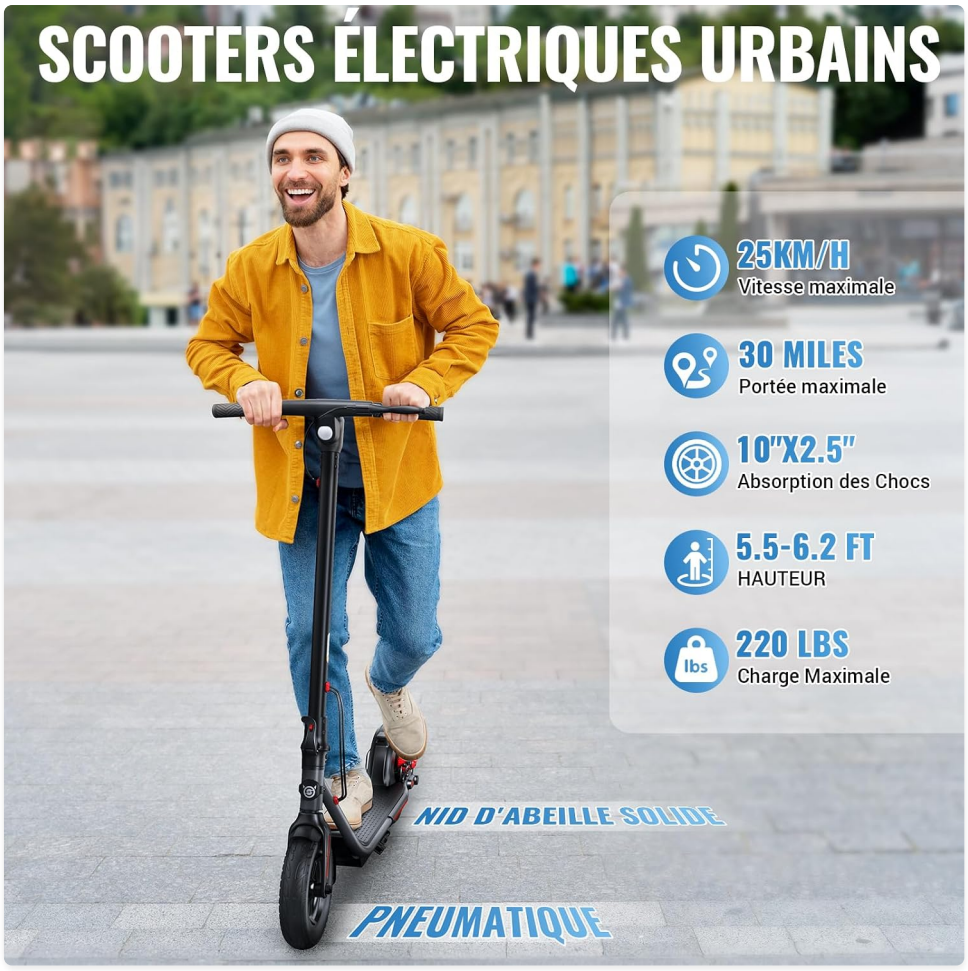
If you encounter issues with your scooter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; loose connection	Charge the battery; check all cable connections.
Speed does not reach 25 km/h	Incorrect speed mode; battery level; rider weight; terrain	Ensure 'High' mode is selected (double-click power button); fully charge battery; consider riding conditions.
App connectivity issues	Bluetooth off; app version; operating system compatibility	Ensure Bluetooth is enabled on your device; check for app updates; note Android app availability is pending.
Unusual noises or rattling	Loose screws or components	Inspect and tighten all visible screws, especially around the fender and folding mechanism.

If the problem persists, please contact customer support for assistance.

9. Technical Specifications

Feature	Specification
Model Name	Hy-b16a
Brand	SISIGAD
Age Range	Adult
Motor Power (Peak)	500W
Max Speed	25 km/h
Battery	36V/10.4AH
Max Range	Up to 48 km (conditions apply)
Max Weight Capacity	220 lbs (100 kg)
Wheel Size	10 Inches
Brake Type	Dual (E-brake + Disc brake)
Frame Material	Aluminum
Features	Foldable, LED Display
Product Weight	Approx. 15.73 kg



Key specifications and features of the SISIGAD Electric Scooter.

10. Warranty & Customer Support

SISIGAD is committed to providing high-quality products and excellent customer service. Your electric scooter has undergone stringent safety and quality checks, including UL2272 certification.

If you encounter any issues or have questions regarding your scooter, please do not hesitate to contact our customer service team. We provide 24-hour customer support to assist you.

Please refer to your purchase documentation for specific warranty terms and conditions.

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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

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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