

## Shenzhen Uni-chic Technology Co., Ltd HY-B18

# Shenzhen Uni-chic HY-B18 Adult Electric Scooter User Manual

**Brand:** Shenzhen Uni-chic Technology Co., Ltd | **Model:** HY-B18

## 1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your Shenzhen Uni-chic HY-B18 Adult Electric Scooter. Please read this manual thoroughly before first use to ensure proper function and safety.

The HY-B18 electric scooter is designed for adults and teenagers, offering a powerful 500W peak motor, a maximum range of 32 km, and a top speed of 25 km/h. It features 10-inch tires (solid rear, pneumatic front) for varied terrain and a convenient foldable design for portability.

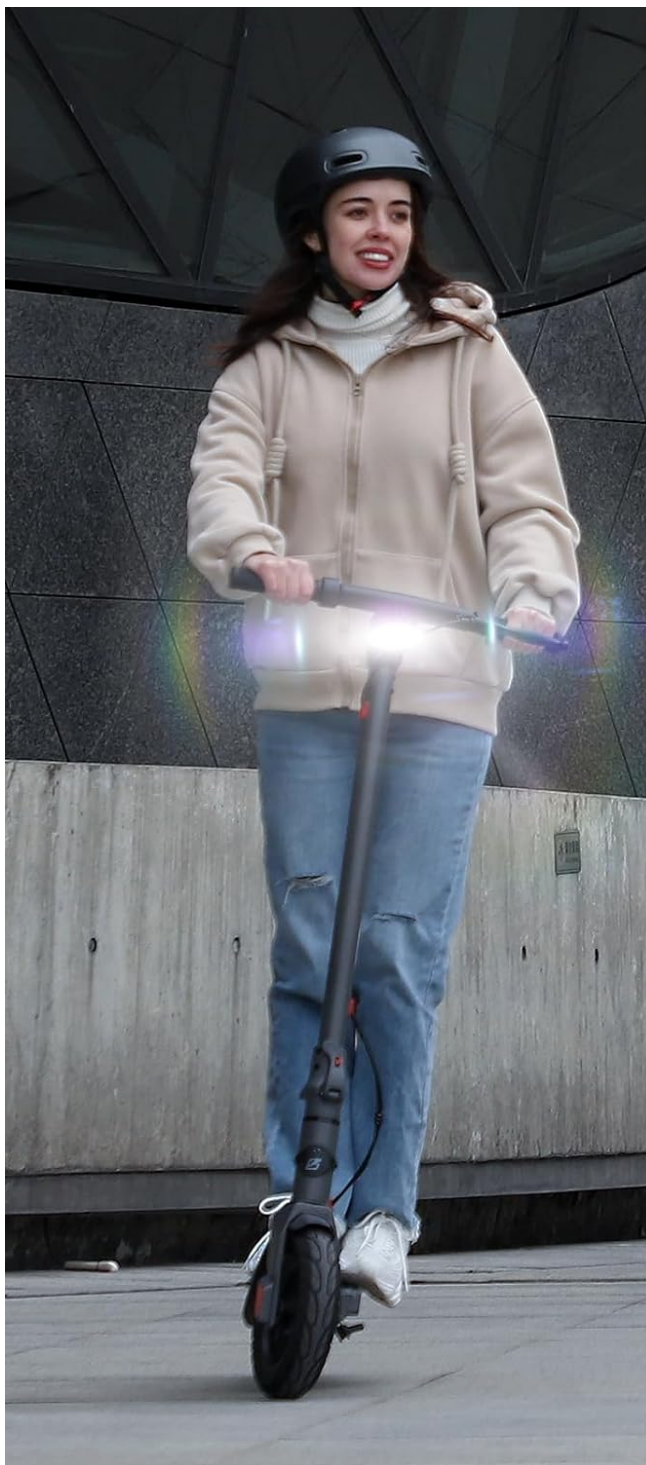
## 2. SAFETY INFORMATION

Your safety is paramount. Always adhere to local traffic laws and regulations. This electric scooter has passed strict UL2272 certification, ensuring higher safety standards.

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads) when riding.
- Do not ride under the influence of alcohol or drugs.
- Ensure all screws and components are securely fastened before each ride.
- The maximum weight limit for this scooter is 100 kg. Do not exceed this limit.
- Avoid riding in heavy rain, on slippery surfaces, or in extreme weather conditions.
- Maintain a safe distance from other vehicles and pedestrians.

### Safety Features:

- **Automatic Headlights:** Ensure visibility during night rides.
- **Warning Taillights:** Flash during braking to alert others and prevent collisions.
- **Dual Braking System:** Equipped with a disc brake and an EABS anti-lock braking system for rapid and safe stopping (0.1-second response).



## RIDE SAFELY!!

Automatic Ultra-bright Head/  
Rear Lights



Double Braking System



The image illustrates the scooter's safety features, including the automatic ultra-bright head and rear lights, and the dual braking system for enhanced rider protection.

### 3. SETUP AND ASSEMBLY

The HY-B18 electric scooter requires minimal assembly. Typically, you will need to quickly install a few screws to secure the handlebar. Once these few screws are in place, your scooter is ready for use.

#### Folding Mechanism:

The scooter features a quick-folding system, allowing it to be folded in approximately 3 seconds with three simple actions. This makes it convenient for transport and storage in a car trunk or on public transport.



This image demonstrates the scooter's one-touch folding system, highlighting its portability and ease of storage, with a net weight of approximately 16 kg (36.2 lbs).

## 4. OPERATING INSTRUCTIONS

### Powering On/Off:

- Press and hold the power button to turn the scooter on or off.

### Speed Modes:

The scooter offers 3 speed modes (Low, Medium, High) to suit different riding conditions and preferences. Refer to the LCD screen for the current speed mode.

### Multifunctional LCD Screen:

The integrated LCD screen provides real-time information about your ride:

- Current Speed

- Selected Speed Mode (L/M/H)
- Cruise Control status
- Battery Power level

Note: This scooter does not currently support a mobile application.



The image highlights the scooter's multifunctional LCD screen, which clearly shows the 3 speed modes, cruise control, speedometer, and battery power.

## Charging:

The scooter is equipped with a 36V 7.8Ah lithium battery. A full charge typically takes approximately 6 hours.

- Connect the charger to the charging port on the scooter.
- Plug the charger into a standard power outlet.
- The charging indicator light on the charger will change to indicate charging status (e.g., red for charging, green for fully charged).
- Do not overcharge the battery. Disconnect the charger once fully charged.



This image emphasizes the high-performance 36V 7.8Ah lithium battery, providing a long range and fast charging capability.

### Motor Performance:

The scooter features a powerful 250W motor with a 500W peak output, providing stable and efficient power for your rides. It can handle inclines up to 15 degrees.

# Powerful Peak 500W Motor

Stable Power and More Efficient



The image details the powerful 500W peak motor, emphasizing its stable and efficient performance, capable of reaching 20 km/h and climbing 15-degree inclines.

## 5. MAINTENANCE

### Tires:

The scooter is equipped with a solid honeycomb rear tire and an inflatable pneumatic front tire. Regularly check the air pressure of the front tire to ensure optimal performance and shock absorption. Inspect both tires for wear and tear or damage.

### Brakes:

Periodically check the functionality of the disc brake and EABS system. Ensure brake levers are responsive and brake pads are not excessively worn.

### Cleaning:

Clean the scooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water, as this can

damage electronic components.

Storage:

Store the scooter in a dry, cool place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the battery is charged to approximately 50-70% and recharge it every 1-2 months to prolong battery life.

6. TROUBLESHOOTING

If you encounter any issues with your scooter, please refer to the following basic troubleshooting steps:

- **Scooter not turning on:** Ensure the battery is charged. Check all connections.
- **Loss of power/reduced range:** Check battery level. Ensure tires are properly inflated (front tire).
- **Unusual noises:** Inspect wheels, brakes, and folding mechanism for loose parts or obstructions.
- **Brakes not working effectively:** Check brake cable tension and brake pad wear.

For more complex issues or if the problem persists, please contact customer support.

7. SPECIFICATIONS

| Feature          | Specification                                                       |
|------------------|---------------------------------------------------------------------|
| Model Number     | HY-B18                                                              |
| Motor Power      | 250W (500W Peak)                                                    |
| Battery          | 36V 7.8Ah Lithium                                                   |
| Max Speed        | 25 km/h                                                             |
| Max Range        | 32 km                                                               |
| Wheel Size       | 10 Inches (Front Pneumatic, Rear Solid)                             |
| Max Load         | 100 Kilograms                                                       |
| Net Weight       | Approx. 16 kg (36.2 lbs)                                            |
| Charging Time    | Approx. 6 hours                                                     |
| Braking System   | Dual (Disc Brake + EABS)                                            |
| Special Features | Digital Display, Speedometer, Lightweight, Foldable, Cruise Control |
| Frame Material   | Aluminum                                                            |
| Handlebar Type   | Adjustable                                                          |
| Recommended Use  | Commuting                                                           |
| Certification    | UL2272                                                              |

8. WARRANTY AND SUPPORT

Your Shenzhen Uni-chic HY-B18 Electric Scooter comes with a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions.

For any questions, concerns, or technical support, our customer service team is available 24 hours a day. Please do not hesitate to contact us; we will respond within 24 hours.

**Contact Information:** Please refer to the contact details provided on your purchase receipt or the official brand website.

**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