**FREEBOY FREEBOY Electric Scooter, 11" Tires, Up to 33 Miles Range, 1200W Motor & 35 MPH Portable Folding Commuting Electric Scoo**

# FREEBOY Adult Electric Scooter User Manual

Model: FREEBOY Electric Scooter, 11" Tires, Up to 33 Miles Range, 1200W Motor & 35 MPH Portable Folding Commuting Electric Scooter for Adults with Four Braking System & Key lock

Brand: FREEBOY

## Introduction

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your FREEBOY Adult Electric Scooter. Please read this manual thoroughly before using the scooter to ensure proper assembly, safe riding practices, and to maximize the lifespan of your product.



The FREEBOY Adult Electric Scooter, featuring a powerful 1200W motor and off-road tires.

## Safety Guidelines

Always prioritize safety when operating your electric scooter. Adhere to the following guidelines:

- Wear a helmet and appropriate safety gear (knee pads, elbow pads, gloves) at all times.
- Familiarize yourself with local laws and regulations regarding electric scooter usage.
- Do not ride in heavy rain, snow, or on icy surfaces. The scooter has an IPX5 waterproof rating, meaning it is resistant to water splashes from any direction, but it is not fully submersible.
- Ensure all bolts and fasteners are tightened before each ride.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Avoid riding under the influence of alcohol or drugs.
- Do not exceed the maximum load capacity of 330 lbs.
- Use both front and rear brakes for effective stopping.

## Product Features

- **Powerful Motor:** 1200W brushless motor for speeds up to 35 mph.
- **Extended Range:** Up to 33 miles cruising range on a single charge.
- **Off-Road Capability:** 11-inch pneumatic off-road tires designed for various terrains and 20°-30° slopes.
- **Advanced Braking System:** Four braking system with front and rear disc brakes for strong stopping power.
- **Comfortable Ride:** Four front shock absorbers and dual rear shock absorbers.
- **Adjustable Design:** Foldable design with adjustable handlebar height (38-49 inches) and removable seat.
- **LED Display:** View real-time speed, speed mode, battery life, and light icon.
- **Lighting:** Bright LED headlights, rear brake light, and pedal light for night visibility.




Key features of the FREEBOY Electric Scooter, highlighting its folding design, large tires, top speed, and motor power.




The scooter is equipped with a 48V 21Ah lithium battery, providing a cruising range of up to 33 miles.




The six-fold shock absorption system ensures a comfortable ride by effectively filtering vibrations from bumpy roads.




The 11-inch rubber cross-country tires are designed to handle various road conditions, from city streets to dirt paths.

## Setup and Assembly

Your FREEBOY Electric Scooter requires minimal assembly. Follow these steps to get started:

1. **Unboxing:** Carefully remove all components from the packaging. Ensure all parts listed in the packing list are present.
2. **Front Wheel Installation:**
   Attach the front wheel to the scooter's front fork. Align the wheel with the fork and insert the axle. Secure it with the provided nuts and tighten them using the wrench. Ensure the brake disc is properly aligned with the caliper.

   Your browser does not support the video tag.

   Video demonstrating the assembly process, including front wheel installation, handlebar setup, and seat attachment.
3. **Handlebar Setup:**
   Unfold the handlebar stem and secure it in the upright position. Attach the handlebar to the stem, ensuring all cables

are properly connected and not pinched. Tighten the handlebar clamps securely.




The scooter features an adjustable handlebar, allowing users to customize the height for comfortable riding.

4. **Seat Installation (Optional):**
   If you prefer seated riding, insert the seat post into the designated slot on the scooter deck. Adjust the seat height to your preference and secure it with the quick-release clamp. The seat is removable for stand-up riding.




The FREEBOY scooter offers versatile riding options, including comfortable seated riding and dynamic stand-up riding with a removable seat.

5. **Initial Charge:** Before first use, fully charge the scooter's battery. The charging time is approximately 5 hours.

## Operating Instructions

Familiarize yourself with the controls and functions of your FREEBOY Electric Scooter:

- **Power On/Off:** Insert the key into the ignition and turn it to the ON position. Press and hold the power button on the display to turn the scooter on or off.
- **LED Display:** The integrated LED display shows real-time speed, selected speed mode (Eco, D, S), battery life indicator, and light status.
- **Speed Modes:**
  - Eco Mode: 10 - 12 Mph (for energy efficiency)
  - D Mode: 15 - 25 Mph (standard commuting)
  - S Mode: 25 - 35 Mph (sport mode for maximum speed)

Switch between modes using the mode button on the handlebar.

- **Acceleration:** Gently press the throttle lever to accelerate.
- **Braking:** Use the brake levers on the handlebars to engage the front and rear disc brakes. Apply both brakes simultaneously for optimal stopping power.
- **Lighting:** Activate the LED headlights, rear brake light, and pedal lights using the dedicated light switch for improved visibility, especially at night.
- **Cruise Control:** To activate cruise control, maintain a constant speed for a few seconds until you hear a beep. The scooter will maintain this speed until the throttle or brake is engaged.




The powerful 1200W motor allows for a maximum speed of 33 mph and can handle inclines up to 25% gradient.




This electric scooter is lightweight and flexible, offering a 33-mile range with its 21Ah battery and 1200W double drive motor.

## Maintenance

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

- **Tire Pressure:** Check tire pressure regularly. Proper inflation improves ride quality and extends tire life.
- **Brakes:** Inspect brake pads and discs for wear. Adjust brake tension as needed to ensure responsive braking.
- **Battery Care:**
  - Charge the battery fully after each use.
  - Avoid completely draining the battery.
  - If storing for extended periods, charge the battery to 50-70% every 2-3 months.
- **Cleaning:** Wipe down the scooter with a damp cloth. Do not use high-pressure water jets or submerge the scooter.
- **Fasteners:** Periodically check and tighten all screws and bolts to prevent loosening due to vibrations.

## Troubleshooting

Here are some common issues and their solutions:

| Problem | Possible Cause | Solution |
|---|---|---|
| Scooter not turning on | Low battery; Power button not pressed correctly; Key not in ON position. | Charge the battery; Press and hold the power button; Ensure key is turned to ON. |
| Reduced range or power | Low tire pressure; Battery degradation; Overload; Riding uphill frequently. | Check and inflate tires; Ensure proper charging; Reduce load; Adjust riding style. |
| Brakes not effective | Worn brake pads; Loose brake cable; Misaligned brake caliper. | Inspect and replace brake pads; Adjust brake cable tension; Realign caliper. |
| Unusual noises during ride | Loose components; Debris in wheels/brakes; Worn bearings. | Check and tighten all fasteners; Clean wheels/brakes; Contact customer support if noise persists. |

If you encounter issues not listed here or require further assistance, please contact FREEBOY customer support.

## Specifications

| Feature | Detail |
|---|---|
| Brand | FREEBOY |
| Model Name | FREEBOY Electric Scooter, 11" Tires, Up to 33 Miles Range, 1200W Motor & 35 MPH Portable Folding Commuting Electric Scooter for Adults with Four Braking System & Key lock |
| Motor Power | 1200W |
| Max Speed | 35 mph |
| Max Distance Range | 33 Miles |
| Battery | 48V 21Ah |
| Charging Time | 5 Hours |
| Tire Size | 11 Inches |
| Tire Type | Pneumatic, Off-Road |
| Brake Style | Front and Rear Disc Brakes (Four Braking System) |
| Suspension Type | Dual Suspension (Four front, two rear shock absorbers) |
| Weight Limit | 330 Pounds |
| Item Weight | 66 Pounds |

| Feature | Detail |
| --- | --- |
| Product Dimensions (LxWxH) | 50"L x 12"W x 49"H |
| Handlebar Height | Adjustable (38-49 inches) |
| Special Features | Digital Display, Dual Braking System, Non Slip Deck, Adjustable Handlebar Height & Adjustable Seat Height, Wide Platform, Key lock |

## Warranty and Support

FREEBOY is committed to providing high-quality products and customer satisfaction.

- **Warranty:** The product comes with a 12-month or 6-month technical support for different parts. Please refer to the specific warranty details provided with your purchase.
- **Customer Support:** For any inquiries, technical assistance, or warranty claims, please feel free to contact us. We aim to respond within 24 hours.
- **Email:** tangsanscooter@126.com

© 2024 FREEBOY. All rights reserved.


### 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