FREEBOY black-1200w-J11-max

FREEBOY Adult Electric Scooter Instruction Manual

Model: J11-max | Brand: FREEBOY

1. Important Safety Guidelines

Before operating your FREEBOY Electric Scooter, please read and understand all safety instructions. Failure to follow these instructions may result in serious injury or property damage.

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads, gloves) when riding.
- Do not ride in wet conditions, heavy rain, or through puddles deeper than 1 inch. The scooter has an IPX5 waterproof rating, meaning it is resistant to water splashes from any direction, but not submersion.
- Ensure all bolts and quick-release mechanisms are securely fastened before each ride.
- Familiarize yourself with local laws and regulations regarding electric scooter usage.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Avoid riding on uneven terrain, steep inclines, or slippery surfaces.
- Do not perform stunts or sudden maneuvers.
- Regularly check tire pressure, brake function, and overall scooter condition.
- The maximum weight limit for this scooter is 330 pounds.
- This scooter is designed for adult use.

2. Package Contents

Upon opening the package, verify that all components are present and undamaged. The FREEBOY Electric Scooter Adults with 1200W Motor*1 is included, along with necessary assembly tools.

Your browser does not support the video tag.

Official FREEBOY Electric Scooter Adults w/1200W Motor Usage Tutorial. This video demonstrates the unboxing and initial assembly steps.

The video above provides a visual guide for unboxing and initial setup. Please refer to it for a clear understanding of the process.

3. Assembly Instructions

The FREEBOY Electric Scooter requires minimal assembly. Follow these steps carefully:

1. **Unboxing:** Carefully remove the scooter and all accessories from the packaging. Keep the packaging for future storage or transport.
2. **Front Wheel Installation:**

   The front wheel needs to be attached to the scooter's front fork. Align the wheel with the fork and insert the axle. Secure it using the provided nuts and wrenches. Ensure the brake disc is correctly positioned within the caliper.



Image showing the dual disc brake system, relevant for front wheel installation.

3. **Unfolding the Scooter:**

   Locate the folding mechanism near the base of the handlebar stem. Release the latch and carefully lift the handlebar stem until it locks into the upright position. Ensure it is securely locked before proceeding.
4. **Handlebar Assembly:**

   Insert the handlebar into the stem. Ensure the cables are not pinched. Tighten the securing bolts on the handlebar clamp using the provided tools. Adjust the handlebar height to a comfortable position (adjustable up to 53 inches) and secure it.



Image illustrating the adjustable handlebar and seat height.

5. **Seat Installation (Optional):**

   If you prefer seated riding, attach the removable seat to the designated post on the scooter deck. Adjust the seat height for comfort (adjustable from 27.5 to 31.4 inches) and secure it firmly.



Image demonstrating the two riding styles: seated and stand-up.

4. Controls and Operation

Familiarize yourself with the scooter's controls before your first ride.

- **Power Button:** Located on the handlebar, press to turn the scooter on/off.
- **LED Display:** Provides real-time information including speed, speed mode, battery life, and light icon.
- **Throttle:** Controls acceleration. Gently press to increase speed.
- **Brake Levers:** Located on the handlebars, activate the dual front and rear disc brakes for effective stopping.
- **Speed Modes:** The scooter features three speed modes:
  - **Eco Mode:** 10-12 Mph (for energy saving and beginners)
  - **D Mode:** 15-20 Mph (standard commuting)
  - **S Mode:** 20-27 Mph (sport mode for maximum speed)

  Switch between modes using the designated button on the display/control panel.
- **Cruise Control:** To activate, maintain a constant speed for a few seconds until you hear a beep. The scooter will

then maintain this speed automatically. Press the brake or throttle to disengage.

- **Lighting System:** The scooter is equipped with a headlamp, turn signals, rear taillight, and side light strips to improve visibility, especially at night.



The FREEBOY Electric Scooter features integrated lighting for enhanced safety.

5. Charging the Battery

The scooter is powered by a 48V 15Ah Lithium Battery, offering a maximum distance range of 31 miles. A full charge takes approximately 5 hours.

- Locate the charging port on the scooter.
- Ensure the scooter is turned off before charging.
- Connect the charger to the scooter's charging port, then plug the charger into a standard wall outlet.
- The charging indicator light on the charger will change (e.g., from red to green) when charging is complete.
- Do not overcharge the battery. Unplug the charger once charging is complete.

- Store the scooter in a cool, dry place when not in use, and ensure the battery is partially charged if storing for extended periods.



Image detailing the scooter's long-range lithium battery.

6. Maintenance

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

- **Cleaning:** Wipe down the scooter with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water.
- **Tires:** The scooter features 11-inch pneumatic off-road tires. Regularly check tire pressure and inflate to the recommended PSI (refer to tire sidewall for exact pressure). Inspect tires for wear and tear.
- **Brakes:** The scooter is equipped with dual front and rear disc brakes. Periodically check the brake pads for wear and ensure the brake levers provide firm and responsive stopping power. Adjust or replace as needed.
- **Suspension:** The dual suspension system provides a comfortable ride. Inspect the suspension components for any

signs of damage or excessive play.

- **Fasteners:** Regularly check all screws, bolts, and quick-release levers to ensure they are tight and secure.
- **Storage:** When not in use, store the scooter in a dry, cool environment away from direct sunlight and extreme temperatures.



Image highlighting the scooter's shock absorption system.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Scooter does not turn on.	Low battery, loose connections, power button malfunction.	Charge the battery fully. Check all cable connections. If issue persists, contact support.

Problem	Possible Cause	Solution
Scooter not accelerating.	Throttle issue, motor problem, brake engaged.	Ensure brakes are not engaged. Check throttle connection. Contact support if no resolution.
Reduced range or speed.	Low tire pressure, battery degradation, riding conditions.	Check and inflate tires to correct pressure. Ensure battery is fully charged. Note that range and speed can vary based on rider weight, terrain, and temperature.
Brakes feel weak or spongy.	Worn brake pads, loose brake cable, air in hydraulic system.	Inspect brake pads for wear and replace if necessary. Adjust brake cable tension. For hydraulic issues, professional service is recommended.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact FREEBOY customer support.

8. Product Specifications

Feature	Detail
Brand	FREEBOY
Model Name	FREEBOY Electric Scooter Adults with 1200W Motor J11max
Color	black-1200w-J11-max
Motor Power	1200W
Max Speed	35mph (Note: Feature bullets state 27mph for S mode, but title says 35mph. Using 35mph from title as max.)
Battery	48V 15Ah Lithium Battery
Maximum Distance Range	31 Miles (Note: Feature bullets state 33 miles, but specifications state 31 miles. Using 31 miles from specifications.)
Charging Time	5 Hours
Weight Limit	330 Pounds
Product Dimensions (LxWxH)	50"L x 21.2"W x 53"H
Item Weight	66 Pounds
Wheel Size	11 Inches
Wheel Type	Pneumatic, Off-Road
Brake Style	Dual Front & Rear Disc Braking System
Suspension Type	Dual Suspension

Feature	Detail
Frame Material	Aluminum
Special Feature	Wide Platform, Removable Seat
Age Range (Description)	Adult

9. Warranty and Customer Support

FREEBOY provides a warranty for its electric scooters:

- **Warranty Description:** 12-month or 6-month warranty for different parts.

For any inquiries, technical assistance, or warranty claims, please contact FREEBOY customer support. The brand offers 24-hour customer support.
Email: tangsanscooter@126.com



FREEBOY offers dedicated customer support for product inquiries.

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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

Answered questions about this manual

My new FREEBOY J11-max electric scooter turns on, but when I push the throttle, it won't move. Is there a reset button or a specific way to reset it?

Based on the FREEBOY J11-max manual, there is no dedicated "reset button" mentioned. However, if your scooter turns on but won't move, please check the following common causes and solutions:Check the Brakes: The most...

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