

Windgoo F1K

Windgoo Electric Scooter User Manual

Model: M12 (F1K)

INTRODUCTION

Welcome to the user manual for your new Windgoo Electric Scooter. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your scooter. Please read it thoroughly before your first ride and keep it for future reference.

The Windgoo e-scooter is a modern, economic, and ecological mode of transport designed to save time and enhance your daily commute. It offers a convenient way to navigate urban environments, providing a fresh air alternative to traditional transportation. It is an ideal means of transport for school, work, office, short trips, metro connections, and home use.

PRODUCT FEATURES

Powerful Motor and Durable Battery

Equipped with an upgraded 350W motor, it can reach speeds up to 25 km/h, travel up to 20 km, and support a maximum load of 120 kg. This scooter reduces the need for public transport, minimizing contact with others. The long-range lithium-ion battery ensures reliable performance for your daily commutes.

Lightweight and Foldable Design

The scooter features a lightweight aluminum frame and can be folded in just one step, making it highly portable. With a net weight of approximately 12.2 kg, this device is also easy to transport, allowing you to carry it into metro stations or elevators, offering unparalleled convenience for multi-modal travel.

Safe Braking System

Safety is paramount. The integrated braking system combines a magnetic brake on the front wheel with a physical brake on the rear wheel, providing reliable stopping power. Large taillights enhance visibility, ensuring other road users clearly see your location, especially during night rides.

Intuitive LED Display

An intuitive LED display provides real-time information, including current speed, selected speed mode, and battery life. The battery charges fully in 4-5 hours, making it ready for your next journey. This display helps you monitor your

ride parameters at a glance.

SETUP AND ASSEMBLY

Your Windgoo Electric Scooter comes mostly pre-assembled. Follow these steps to prepare it for its first use:

1. **Unpacking:** Carefully remove all components from the packaging. Ensure you have the scooter, charger, and this user manual.
2. **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 the locking mechanism is securely engaged before proceeding.



Image: The Windgoo Electric Scooter fully unfolded and ready for use. This shows the main structure including the handlebar, stem, deck, and wheels.

3. **Handlebar Attachment (if applicable):** If the handlebars are separate, align them with the stem and secure them using the provided screws and tools. Ensure they are tightened firmly.

4. **Initial Charge:** Before your first ride, fully charge the scooter's battery.

- Locate the charging port, typically on the side of the deck.
- Connect the charger to the scooter and then plug it into a power outlet.
- The LED indicator on the charger will change (e.g., from red to green) when charging is complete. The charging time is approximately 4-5 hours.

5. **Tire Check:** Ensure the tires are properly inflated. Refer to the tire sidewall for recommended pressure.

OPERATING INSTRUCTIONS

Understanding Your Scooter's Controls



Image: Detailed diagram illustrating the various parts of the Windgoo Electric Scooter, including the control panel, handlebars (brake, horn, accelerator, headlight), folding mechanism, motor, battery, kickstand, charging port, and rear wheel components (buckle, brake light, disc brake). The control panel shows the LED display with indicators for speed, mileage, power, and control buttons.

- **Power Button:** Located on the LED display. Press and hold to turn on/off.
- **Accelerator:** Thumb lever on the right handlebar. Press down to accelerate.
- **Brake Lever:** Lever on the left handlebar. Squeeze to activate the front magnetic brake and rear physical brake.
- **Headlight:** Integrated into the front of the handlebar stem. Typically activated via the power button or a dedicated button on the display.
- **LED Display:** Shows current speed, speed mode, battery level, and mileage.

Riding Your Scooter

1. **Power On:** Press and hold the power button on the LED display until it illuminates.
2. **Kick Start:** For safety, the scooter requires a kick start. Place one foot on the deck and use the other foot to push off the ground, gaining a small amount of momentum (approx. 3-5 km/h).
3. **Accelerate:** Once moving, gently press the accelerator lever with your thumb. The scooter will begin to accelerate. Gradually increase pressure for smoother acceleration.
4. **Braking:** Release the accelerator and gently squeeze the brake lever to slow down or stop. For emergency stops, apply firm pressure to the brake lever.
5. **Turning:** Lean your body slightly in the direction you wish to turn. Avoid sharp turns at high speeds.
6. **Folding for Storage/Transport:** To fold, ensure the scooter is powered off. Release the folding latch and carefully fold the handlebar stem down until it clicks into place.

Product Size

Fold size: 106x44x48cm

Unfold size: 106x44x115cm



Image: Diagram showing the dimensions of the Windgoo Electric Scooter in both unfolded (106x44x115cm) and folded (106x44x48cm) states, highlighting its compact design for storage and transport.

Safety Guidelines

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads).
- Familiarize yourself with local laws and regulations regarding electric scooter use.
- Do not ride in heavy rain, on slippery surfaces, or through puddles deeper than 2 cm.
- Avoid riding on uneven terrain or over large obstacles.
- Maintain a safe distance from pedestrians and other vehicles.
- Do not perform stunts or sudden maneuvers.
- The maximum load capacity is 100 kg. Exceeding this may affect performance and safety.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Windgoo Electric Scooter.

- **Cleaning:**

Wipe the scooter with a damp cloth after each use. Do not use high-pressure water jets or immerse the scooter in water. Avoid harsh chemicals that may damage the finish.

- **Battery Care:**

Charge the battery regularly, even if the scooter is not in use for extended periods (at least once a month). Do not fully discharge the battery before recharging. Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures.

- **Tire Maintenance:**

Regularly check tire pressure and inflate to the recommended PSI (found on the tire sidewall). Inspect tires for wear, punctures, or damage. Replace worn tires promptly.

- **Brake System:**

Periodically check the brake levers and cables for proper tension and function. Ensure the disc brake on the rear wheel is clean and free of debris. If braking performance degrades, have it inspected by a qualified technician.



Image: Close-up views of key components: the bright LED headlight for night visibility, the robust front wheel, and the rear wheel with its integrated disc brake system, crucial for safe stopping.

• **Fasteners:**

Check all screws and bolts regularly to ensure they are tight. Vibrations from riding can loosen fasteners over time.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Scooter won't turn on	Low battery; Loose connections; Faulty power button	Charge the battery fully; Check all visible cable connections; Contact support if issue persists.
Scooter not accelerating	Not kick-started; Accelerator malfunction; Motor issue	Ensure you kick-start to at least 3 km/h before pressing accelerator; Check accelerator for debris; Contact support.
Reduced range or speed	Low tire pressure; Overload; Battery degradation; Steep incline	Inflate tires to recommended pressure; Ensure load is within 100 kg limit; Battery may need replacement over time; Avoid steep inclines if possible.
Brakes feel weak	Brake pads worn; Cable loose; Disc brake dirty	Inspect brake pads and replace if worn; Adjust brake cable tension; Clean disc brake; Contact support if unsure.
Unusual noises	Loose components; Debris in wheels/motor; Worn bearings	Check all screws and bolts; Inspect wheels and motor area for foreign objects; Contact support for professional inspection.

TECHNICAL SPECIFICATIONS



Image: The Windgoo Electric Scooter with an overlay of its key specifications, including Max Speed (25 KM/H), Max Distance (17-20KM), Wheel Size (8.5"), Max Weight (120KG), Power (250W), Slope (15°), Battery (36V/6.0AH), and Charging Time (3H).

Specification	Value
Model	M12 (F1K)
Motor Power	350W (Peak), 250W (Rated Hub Motor)
Battery	36V Lithium-ion

Specification	Value
Max Speed	25 km/h
Max Range	Up to 20 km
Charging Time	4-5 hours
Max Load Capacity	100 kg (Speed may reduce above 82 kg)
Net Weight	Approx. 11.6 kg
Tire Size	8.5 inch Pneumatic
Frame Material	Aluminum
Braking System	Front Magnetic Brake + Rear Physical Disc Brake
Dimensions (Unfolded)	108 x 43 x 114 cm
Dimensions (Folded)	106 x 44 x 48 cm



250W Hub Motor

Fun and easy to ride,
can boost your speed up to 25km/h

Image: An internal view of the 250W Hub Motor, illustrating its design and integration within the wheel, which provides efficient power for the scooter.

WARRANTY AND SUPPORT

Windgoo offers a **1-year warranty** on this electric scooter. This warranty covers manufacturing defects and ensures the quality of your product.

If you encounter any problems or have questions regarding your Windgoo Electric Scooter, please do not hesitate to contact our customer support. We are committed to providing prompt assistance and will respond to your inquiries within 24 hours to resolve any issues you may experience.

For support, please refer to the contact information provided with your purchase documentation or visit the official Windgoo website.

IMPORTANT NOTES

- Always ride responsibly and be aware of your surroundings.

- Regularly check for loose parts and ensure all components are functioning correctly.
- Do not modify the scooter in any way, as this may void the warranty and compromise safety.
- Dispose of batteries and electronic components responsibly according to local regulations.









Image: A person riding the Windgoo Electric Scooter on a paved surface in an urban environment, demonstrating its practical use for personal transportation.

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For more information, visit www.windgoo.com

Related Documents - F1K

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