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Caroma K2

Caroma Peak K2 Electric Scooter with Seat User Manual

Model: K2

Introduction

Thank you for choosing the Caroma Peak K2 Electric Scooter with Seat. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your electric scooter. Please read this manual thoroughly before your first ride and keep it for future reference.



Image: The Caroma Peak K2 Electric Scooter with Seat, shown in grey with a front basket and rear rack.

Safety Guidelines

Your safety is paramount. Always adhere to the following guidelines:

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Familiarize yourself with local laws and regulations regarding electric scooter use.
- Perform a pre-ride inspection: check tire pressure, brake function, and battery level.
- Do not ride in adverse weather conditions (heavy rain, snow, ice). The scooter has an IP54 waterproof rating, meaning it is resistant to splashes but not submersion.
- Avoid riding under the influence of alcohol or drugs.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Ensure both the front LED headlight and rear reflector are clean and functional, especially when riding in low light conditions.
- The scooter is designed for adults. Do not allow children to operate it.

- Maximum weight limit is 300 pounds. Do not exceed this limit.



Image: Close-up of the Caroma K2 Electric Scooter's bright LED headlight and rear reflector, highlighting safety features for visibility.

Setup and Assembly

Your Caroma Peak K2 Electric Scooter comes mostly assembled. Follow these steps to complete the assembly. Installation tools are included in the package.

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Handlebar Installation:** Attach the handlebar to the stem and secure it firmly using the provided bolts and tools.
3. **Front Wheel Installation:** Place the front wheel on the front fork dropout and align it with the disc brake pad. Install the flange nut and safety hook on the front hub axle and tighten with a wrench.
4. **Seat Adjustment:** Adjust the front seat height to a comfortable riding position. The rear seat is fixed.
5. **Basket Attachment:** Securely attach the front basket to the designated mounting points.
6. **Initial Charge:** Fully charge the battery before your first ride. Refer to the "Charging the Battery" section for details.

Your browser does not support the video tag.

Video: A detailed guide on how to install the front wheel and other components of the Caroma K2 Electric Scooter with Seat.

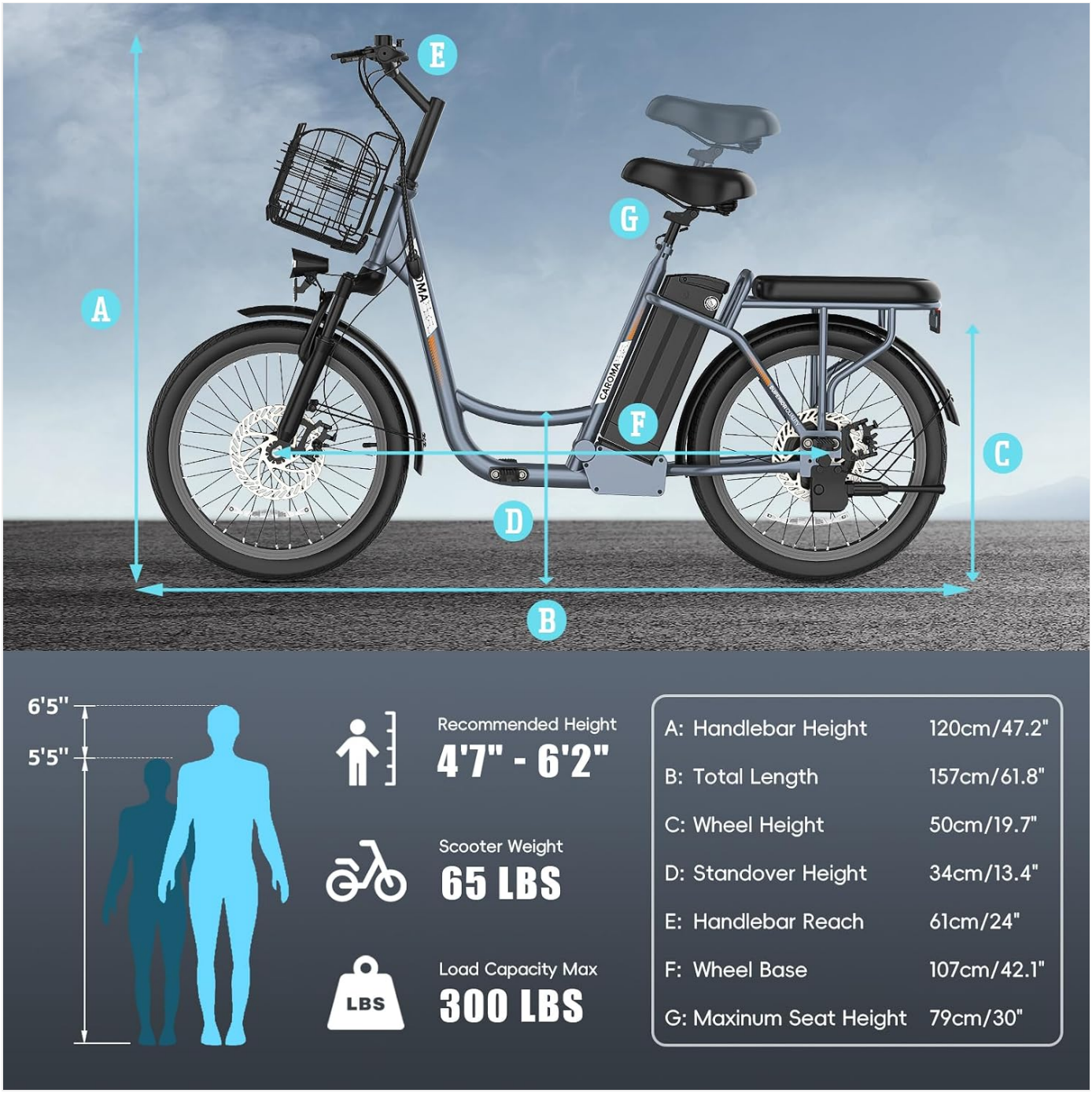


Image: A full view of the Caroma K2 Electric Scooter with an overlay indicating various dimensions and components.

Operating Instructions

Powering On/Off

- To power on, press and hold the power button on the display until the screen illuminates.
- To power off, press and hold the power button again until the display turns off.

Riding the Scooter

- **Starting:** Place one foot on the footrest and push off with the other foot to gain initial momentum. Gently press the throttle to engage the motor.
- **Acceleration:** Use the throttle on the handlebar to control your speed. The 800W peak motor provides strong

acceleration up to 20 MPH.

- **Braking:** Use the mechanical dual disc brakes (front and rear) for controlled stopping. Apply both brakes simultaneously for optimal stopping power.
- **Display:** The smart LCD display shows real-time data such as battery life, speed, and riding mode.



Image: An exploded view diagram of the scooter's motor, indicating its 819W peak power, 20 MPH max speed, and 15-degree max slope capability.

Charging the Battery

- The 48V lithium-ion battery can be charged either by removing it from the scooter or by plugging the charger directly into the scooter's charging port.
- Connect the charger to the scooter/battery, then plug it into a power outlet.
- A full charge takes approximately 4 hours and provides up to 25 miles of range.
- Do not overcharge the battery. Unplug the charger once charging is complete.
- The battery is equipped with a BMS system for 14 types of protection, enhancing safety and cycle life.



Image: Diagram illustrating the removable 48V 7.8Ah lithium battery, showing charging time, BMS power saving, 25-mile range, and IP54 waterproof rating.

Maintenance

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

- **Tires:** Check tire pressure regularly. The 20"x2" MTB tires are designed for various terrains. Inspect for wear and tear or punctures.
- **Brakes:** Periodically check brake pads and cables for wear. Ensure brakes respond effectively.
- **Battery Care:** Store the battery in a cool, dry place. If not used for extended periods, charge it every 1-2 months to maintain its health.
- **Cleaning:** Wipe down the scooter with a damp cloth. Do not use high-pressure water jets or immerse electrical components in water.
- **Fasteners:** Regularly check all bolts and screws to ensure they are tight.



Image: The 20"x2" MTB tire of the Caroma K2 Electric Scooter, depicted conquering various terrains like city roads, sand, snow, and mountains.

Troubleshooting

If you encounter issues with your scooter, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; loose battery connection; faulty power button	Charge the battery; check battery connections; contact support
Motor not engaging	Throttle issue; motor cable disconnected; brake lever engaged	Check throttle connection; inspect motor cables; ensure brake levers are fully released
Reduced range or speed	Under-inflated tires; low battery charge; riding uphill frequently; heavy load	Inflate tires to recommended pressure; fully charge battery; adjust riding style; reduce load

Problem	Possible Cause	Solution
Brakes feel weak	Worn brake pads; loose brake cables; air in hydraulic system	Inspect and replace brake pads; adjust brake cable tension; seek professional service

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

Specifications

Key specifications for the Caroma Peak K2 Electric Scooter:

Feature	Detail
Model Name	K2
Motor Power	500W (800W Peak)
Battery	48V Lithium-ion, Removable
Max Speed	20 MPH
Max Range	Up to 25 miles
Charge Time	Approx. 4 hours
Tire Size	20 inches x 2 inches (MTB Type)
Brake System	Mechanical Dual Disc Brakes (Front & Rear)
Suspension	Front Shock Absorber, Dual Suspension
Weight Limit	300 pounds
Frame Material	Aluminum
Waterproof Rating	IP54
Included Components	Electric Scooter, Installation Tools, Manual, Charger



Image: A diagram illustrating the key dimensions of the Caroma K2 Electric Scooter, including handlebar height, total length, wheel height, standover height, handlebar reach, wheel base, and maximum seat height. Also shows recommended rider height (4'7" - 6'2"), scooter weight (65 lbs), and load capacity (300 lbs).

Warranty and Support

Caroma provides a **365-day warranty** for your electric scooter, covering manufacturing defects. Additionally,**lifetime technical support** is available.
The scooter has passed UL2272 certification, ensuring it meets stringent safety standards.
For warranty claims, technical assistance, or any questions, please contact Caroma customer service through the retailer where you purchased the product or visit the official Caroma website.

Your browser does not support the video tag.

Video: An overview video showcasing the Caroma K2 Electric Scooter for adults, demonstrating its features and general use.

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