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VIPCOO iE-M4PROS+

VIPCOO M4 Pro S+ Electric Scooter User Manual

Model: iE-M4PROS+

1. Introduction and Safety Guidelines

Thank you for choosing the VIPCOO M4 Pro S+ Electric Scooter. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your scooter. Please read it thoroughly before your first ride and keep it for future reference.

1.1 General Safety Warnings

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads) when riding.
- Do not ride under the influence of alcohol or drugs.
- Observe all local traffic laws and regulations.
- Avoid riding in heavy rain, snow, or on icy surfaces. The scooter has an IPX4 waterproof rating, but it is not designed for submersion or heavy water exposure.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Do not perform stunts or sudden maneuvers.
- Ensure the scooter is properly assembled and all components are secure before each ride.
- The maximum weight limit for this scooter is 330 pounds (150 kg). Do not exceed this limit.
- This scooter is designed for adult use.

2. Package Contents

Upon unpacking your VIPCOO M4 Pro S+ Electric Scooter, please verify that all items listed below are present and in good condition.

- VIPCOO M4 Pro S+ Electric Scooter (main unit)
- Charger
- Tools (for assembly and maintenance)
- User Manual (this document)

If any items are missing or damaged, please contact customer support immediately.

3. Setup and First Use

3.1 Unboxing and Assembly

Carefully remove the scooter and all accessories from the packaging. The scooter comes partially assembled. You will need to attach the handlebars and ensure all connections are secure.

Your browser does not support the video tag.

Video Description: This official unboxing video demonstrates the initial setup and assembly process for the VIPCOO M4 Pro S+ Electric Scooter, including attaching the handlebars and unfolding the scooter for the first time.

1. **Unfold the Scooter:** Release the folding mechanism and carefully raise the stem until it locks into place. Ensure the locking lever is fully engaged.
2. **Attach Handlebars:** Insert the handlebar assembly into the stem. Secure it using the provided tools, ensuring the handlebars are centered and firmly tightened.
3. **Adjust Handlebar Height:** Loosen the quick-release clamp on the stem, adjust the handlebar to your preferred height (ideal for riders 5'2" - 6'2" tall), and securely fasten the clamp.
4. **Inspect Brakes:** Check that both front and rear brakes are functioning correctly and that the brake levers are easily accessible.
5. **Check Tires:** Ensure tires are properly inflated. Refer to the tire sidewall for recommended pressure.

3.2 Initial Charging

Before your first ride, fully charge the scooter's battery. This typically takes about 6 hours.

- Ensure the scooter is powered off.
- Connect the charger to the charging port on the scooter.
- Plug the charger into a standard wall outlet. The indicator light on the charger will typically show red during charging and turn green when fully charged.
- Do not overcharge the battery. Disconnect the charger once charging is complete.

4. Operating Your Scooter

4.1 Controls and Display



Image Description: A side profile view of the VIPCOO M4 Pro S+ Electric Scooter, showcasing its overall design, 10-inch wheels, dual suspension, and the optional seat attachment.

The VIPCOO M4 Pro S+ features an intuitive control system and a high-definition LCD display.





Image Description: A front-angle view of the VIPCOO M4 Pro S+ Electric Scooter, highlighting the handlebars, central LCD display, and front headlight. The display shows speed, battery level, and riding mode.

- **Power Button:** Press and hold to turn the scooter on or off.
- **Accelerator:** Located on the right handlebar. Gently press down to accelerate.
- **Brake Levers:** Located on both handlebars. Squeeze to engage the dual brake system (disc brake + power-off brake).

- **Mode/Speed Button:** Cycle through 3 available speed gears (modes) to adjust speed according to road conditions.
- **Headlight Button:** Turn the front LED headlight and dot-matrix taillights on/off. Taillights flash when braking.
- **Turn Signals:** Activate left or right turn signals for visibility.
- **LCD Display:** Shows real-time information including battery level, current speed, selected speed mode, and riding mileage.

4.2 Riding Instructions

1. **Power On:** Press and hold the power button until the display illuminates.
2. **Kick Start:** For safety, it is recommended to push off with your foot a few times to gain initial momentum (around 2-3 mph) before engaging the accelerator.
3. **Accelerate:** Gently press the accelerator lever. Increase pressure gradually to increase speed.
4. **Brake:** Release the accelerator and gently squeeze the brake levers. Apply both brakes simultaneously for optimal stopping power.
5. **Turning:** Lean slightly in the direction of the turn and use the handlebars to steer. Use turn signals when appropriate.
6. **Folding:** To fold the scooter for transport or storage, ensure it is powered off. Release the folding mechanism and carefully fold the stem down until it latches. This process takes approximately 3 seconds.



Image Description: A collage showing the portability of the VIPCOO M4 Pro S+ Electric Scooter. One image shows a person carrying the folded scooter up stairs, another shows a person waiting with the folded scooter at a subway station, and a third shows the folded scooter easily fitting into a car trunk.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your VIPCOO M4 Pro S+ Electric Scooter.

5.1 Battery Care

- **Charging:** Always use the original charger. Do not leave the scooter charging unattended for extended periods. Disconnect once fully charged.
- **Storage:** If storing the scooter for an extended period, charge the battery to about 50-70% every 1-2 months to prevent deep discharge, which can damage the battery. Store in a cool, dry place.

- **Temperature:** Avoid exposing the battery to extreme temperatures (below 0°C or above 40°C).

5.2 Tires

- **Pressure:** Check tire pressure regularly (at least once a month). Maintain the recommended PSI as indicated on the tire sidewall for optimal performance and range.
- **Inspection:** Inspect tires for wear, punctures, or damage before each ride.

5.3 Brakes

- **Adjustment:** Ensure brake levers have proper tension and engage smoothly. Adjust if necessary.
- **Inspection:** Regularly check brake pads and discs for wear. Replace worn components promptly.

5.4 Cleaning

- Wipe the scooter clean with a damp cloth. Do not use high-pressure water jets or immerse the scooter in water.
- Avoid using abrasive cleaners or solvents that could damage the finish or electronic components.

6. Troubleshooting

This section addresses common issues you might encounter with your scooter. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Scooter does not turn on	Battery is depleted; Loose battery connection; Power button malfunction.	Charge the battery fully; Check battery connections; Contact support if issue persists.
Motor not engaging/low power	Low battery; Loose motor cable; Overload (exceeding weight limit or steep incline).	Charge battery; Check motor connections; Reduce load or avoid steep inclines.
Brakes feel weak or too tight	Brake cable needs adjustment; Worn brake pads; Disc brake misalignment.	Adjust brake cable tension; Inspect and replace brake pads; Consult a professional for disc alignment.
Unusual noises during operation	Loose components; Bearing wear; Debris in wheels/motor.	Inspect all screws and connections; Check wheels for debris; Contact support for bearing issues.

7. Specifications

Detailed technical specifications for the VIPCOO M4 Pro S+ Electric Scooter.



Image Description: A detailed diagram illustrating the dimensions of the VIPCOO M4 Pro S+ Electric Scooter, including folded length (116cm), total height (100-125cm), length (115cm), and handlebar width (61cm). It also shows weight specifications: Net Weight 25.4 KG, Gross Weight 30 KG, Max Load 150 KG.

Feature	Detail
Model Name	iE-M4PROS+
Motor Power	800W Brushless DC Motor (1000W Peak)
Max Speed	Up to 28 MPH (45 km/h)
Battery	48V 15Ah Lithium Battery (18650 modules)
Max Range	20-30 miles (32-48 km)
Charging Time	Approximately 6 hours

Feature	Detail
Weight Limit	330 pounds (150 kg)
Scooter Weight	57 pounds (25.8 kg)
Tires	10-inch Pneumatic All-Terrain Rubber Tires
Suspension	Dual Suspension
Brake System	Dual Brake System (Disc Brake + Power-off Brake)
Waterproof Rating	IPX4
Frame Material	Aluminum Alloy
Handlebar Type	Adjustable Height
Display	High-Definition LCD Display
Lighting	Front LED Headlight, Dot-matrix Taillights (flashing on brake), Turn Signals
Foldable	Yes, 3-second folding mechanism

8. Warranty Information

The VIPCOO M4 Pro S+ Electric Scooter comes with the following warranty:

- **Full Frame Warranty:** 360 days from the date of purchase. This covers breakage and deformation of the frame. Scratches and cosmetic damage are not covered.

Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

9. Customer Support

If you have any questions, require technical assistance, or need to make a warranty claim, please contact VIPCOO customer support. Refer to your purchase documentation or the VIPCOO official website for the most current contact information.
When contacting support, please have your model number (iE-M4PROS+) and proof of purchase readily available.

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.

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