

VIPCOO ES1-48V 20.8Ah

VIPCOO ES1-48V 20.8Ah Electric Scooter Instruction Manual

Your comprehensive guide to setup, operation, and maintenance.

INTRODUCTION

Thank you for choosing the VIPCOO ES1-48V 20.8Ah Electric Scooter. This manual provides essential information for the safe assembly, operation, and maintenance of your scooter. Please read it thoroughly before your first ride and keep it for future reference.

SETUP

1. Unboxing and Initial Inspection

Carefully unbox your VIPCOO ES1 Electric Scooter. Ensure all components listed in the 'What's in the Box' section are present and undamaged. It is recommended to perform unboxing on a soft surface to prevent scratches.

Your browser does not support the video tag.

Video: Product Unboxing - This video demonstrates the unboxing process of the VIPCOO ES1 Electric Scooter, showing how to carefully remove the scooter and its accessories from the packaging.

2. Handlebar and Display Installation

Attach the handlebars to the steering stem. Ensure the display is oriented correctly with the logo side edge down when facing the handlebar. Secure the display using the provided screws and Allen wrench. Be cautious of spring washers during this process to prevent loss or misalignment. Adjust the handlebar clamp to ensure vertical alignment with the front wheel and secure the stem cap.

Your browser does not support the video tag.

Video: Product Installation Instructions - This video provides detailed instructions for installing the handlebars, display, and other components of the scooter.

3. Kickstand Installation

Unfold the kickstand. Locate the appropriate Allen wrench from the toolkit and remove the two screws from the kickstand base. Install the kickstand base in the correct orientation, aligning the holes, and reinsert the screws. Tighten both screws securely. The side kick assist plate is angle-adjustable; loosen and tighten screws to set your preferred angle. If the kickstand touches the battery compartment when folded, rotate the length adjustment screw counter-clockwise slightly until it no longer makes contact.

4. Rear Mudguard Installation

Locate the rear wheel mudguard from the included accessories. Align the two mounting holes on the mudguard with the two holes on the rear mudguard bracket. Place a washer on the innermost side of each screw. Insert and tighten the screws into their corresponding holes.

5. Initial Battery Charge

Fully charge the battery before the first use. The charging port is located on the side of the scooter's deck. The charger indicator light is red during charging and turns green when fully charged. For extended periods of disuse, perform a full charge-discharge cycle monthly (charge to 100% -> use up the battery to 0% -> recharge to 100%) to prolong battery lifespan and maintain stable performance.

6. Tire Pressure Check

The tire pressure of each wheel must be checked prior to initial use. It is recommended to inflate the tire pressure to 35 PSI. If your inflator lacks a pressure gauge, you can manually check by squeezing the tire with maximum force; tires inflated to 35 PSI should feel extremely firm and barely compressible.

OPERATING INSTRUCTIONS

1. Display and Controls Overview

The scooter features a smart LCD display and a keypad for various functions. The keypad includes buttons for Light Switch, Horn, On/Off, Mode, Plus (+), Minus (-), and Turn Signals.

SMART LCD DISPLAY



Image: Smart LCD Display - This image highlights the various indicators on the smart LCD display, including speed, battery level, riding mode, and other essential information.

2. Power On/Off and Password Setup

Press and hold the power button to power up the scooter. The display will show a password prompt. Use the Plus (+) and Minus (-) buttons to select digits and short press the power button to confirm each digit. The default password is '000'. After entering the correct password, the power-up animation will be displayed. To change the password, long press the power button to enter password setup. Enter the original password, then use the Plus (+) and Minus (-) buttons to set the new password digits. Confirm each digit with a short press of the power button. Double-click the power button to confirm the new password.

3. Riding Modes and Drive Selection

The Plus (+) and Minus (-) buttons toggle the vehicle's drive modes (ECO, STD, TURBO). The 'M' button toggles between single drive and dual drive modes. The display will indicate the currently selected mode.

Image: Dual Motor System - This image illustrates the powerful 2400W dual brushless motors, highlighting the scooter's capability for high speeds and strong performance.

4. Cruise Control (P05 Setting)

P05 configures the cruise control settings. '01' enables cruise control, and '00' disables it. When enabled, the scooter will maintain the speed prior to throttle release. Applying the brake automatically cancels cruise control mode.

5. Zero Speed Start (P06 Setting)

P06 toggles the zero speed start function. '01' enables this feature, and '00' disables it. If enabled, you must engage the throttle from a standstill for the scooter to set off. If disabled, the scooter will not start but remains stationary when the throttle lever is moved while stationary.

6. Standby Time (P08 Setting)

P08 sets the scooter's standby time. '00' means no shutdown. Settings from '01' to '30' represent 1 minute to 30 minutes respectively, after which the scooter will automatically power off if inactive.

7. Password Requirement (P09 Setting)

P09 is the setting for whether a password is required to start up the vehicle. '01' enables the password requirement, and '00' disables it.

8. Factory Reset (P99 Setting)

P99 is the factory reset. Press and hold the 'M' key until '99' changes to double hyphens, indicating a successful factory reset. After a successful reset, the screen will return to the normal information interface.

9. Adjusting Handlebar Height

Release the handlebar latch. Press the ball detent and adjust the handlebar height to your preference. Ensure the ball detent locks into the corresponding detent slot, then tighten the stem latch securely.

10. Folding and Unfolding the Scooter

To fold: Pull the hook of the folding lock latch. Hold the stem with one hand and unlock the folding safety latch. Fold the scooter until the safety latch engages in the detent position. At this point, the scooter's folding parts will be in the locked position.

To unfold: First, unlock the folding safety latch. Unfold the scooter until the safety latch engages in the detent position. Push the folding lock latch to secure it.



Image: Easily Folded - This image demonstrates how the scooter can be easily folded and stored, such as in a car trunk, highlighting its portability.



Image: Folding and Lifting Structure Design - This image shows the scooter's design for easy folding and carrying, particularly useful when encountering stairs or needing to transport it.

MAINTENANCE

1. Battery Care

- Always charge the battery fully before first use.
- For optimal battery life, avoid completely draining the battery regularly.
- If storing the scooter for extended periods, ensure the battery is charged to about 50-70% and recharge monthly to maintain battery health.
- Operating and charging temperatures should be kept between 10-40 °C (50-104 °F).

2. Tire Maintenance

- Regularly check tire pressure and inflate to 35 PSI for optimal performance and safety.
- Inspect tires for wear, punctures, or damage before each ride.

3. Brake System

- Regularly check the dual braking system for proper function and responsiveness.
- Ensure brake levers are comfortable and adjust if necessary.

4. General Cleaning and Storage

- Clean the scooter with a damp cloth; avoid high-pressure water jets.
- Store the scooter in a dry, cool place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

1. Scooter Not Powering On

- Check if the battery is charged.
- Ensure all connections are secure.
- Verify the correct password is being entered if P09 is enabled.

2. Throttle Not Responding from Standstill

- Check P06 (Zero Speed Start) setting. If P06 is '00' (disabled), the scooter requires a push-start before engaging the throttle. If P06 is '01' (enabled), the throttle should engage from a standstill.

3. Uncomfortable Brake/Throttle/Keypad Angle

- Loosen the respective clamp screws with the provided Allen wrench, adjust to a comfortable angle, and then re-tighten the screws.

4. Kickstand Interfering with Battery Compartment When Folded

- Adjust the Kickstand Length Adjustment Screw (located on the kickstand base) counter-clockwise slightly until the kickstand no longer contacts the battery compartment when folded.

SPECIFICATIONS

Feature	Detail
Brand	VIPCOO
Model Name	iE-ES1
Color	Black+Yellow
Age Range (Description)	Adult
Special Feature	Digital Display, Dual Braking System, Foldable, Lights, Wide Platform
Weight Limit	330 Pounds
Product Dimensions	49.61"L x 26"W x 48"H
Number of Wheels	2
Wheel Material	Rubber
Frame Material	Aluminum
Item Weight	66 Pounds
Handlebar Type	Adjustable
Handle Height	51.2 Inches
Wheel Size	10 Inches
Wheel Type	Pneumatic
Suspension Type	Dual Suspension
Grip Type	Ergonomic
Brake Style	Front Braking, Rear Braking
Charging Time	6 Hours
Recommended Uses For Product	Commuting, Off Road
Maximum Distance Range	40 Miles

WARRANTY AND SUPPORT

VIPCOO offers a 180-day maintenance period for the entire scooter. For any problems with the product, including usage, accessory requirements, or after-sales issues, please contact our customer support team. We provide 7*24 hours service to assist you.



Image: VIPCOO After-Sales Service - This image shows the VIPCOO customer support team, emphasizing their commitment to professional and clear assistance for product use and after-sales issues.