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## VIDA VIDA V2 Lite

# VIDA V2 Lite Electric Scooter User Manual

Model: VIDA V2 Lite | Brand: VIDA by HERO MotoCorp

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## 1. PRODUCT OVERVIEW

The VIDA V2 Lite Electric Scooter, developed by HERO MotoCorp, is designed for efficient and accessible urban mobility. This manual provides essential information for the safe and optimal use of your scooter, covering setup, operation, maintenance, and technical specifications.



Image 1.1: Front-side view of the VIDA V2 Lite Electric Scooter. This image showcases the scooter's overall design and profile.

Key features include a removable battery, an IDC range of 94 km, and a top speed of 69 km/h, making it suitable for daily commutes and longer rides. The scooter is equipped with a 7-inch TFT Touch Display and offers Bluetooth and Wi-Fi connectivity for an integrated riding experience.

## 2. INITIAL SETUP

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### 2.1 Unpacking and Inspection

- Carefully remove the scooter from its packaging.
- Inspect the scooter for any visible damage that may have occurred during transit.
- Ensure all components listed in the packing list are present.

### 2.2 Battery Installation and First Charge

- Locate the battery compartment. The VIDA V2 Lite features a removable battery.
- Insert the battery securely into its designated slot.

- Connect the scooter to the charger using the provided charging cable.
- Allow the battery to fully charge before the first use. A full charge from 0-80% typically takes 3 hours and 30 minutes.

## 2.3 Smart Feature Connectivity

- Power on the scooter and access the 7-inch TFT Touch Display.
- Follow the on-screen instructions to connect your smartphone via Bluetooth for enhanced features.
- Connect to a Wi-Fi network to enable over-the-air updates and smart functionalities.

## 3. OPERATING INSTRUCTIONS

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### 3.1 Starting the Scooter

- Ensure the side stand is up and the scooter is in a stable position.
- Turn the ignition key to the 'ON' position or press the power button.
- The 7-inch TFT display will illuminate, indicating the scooter is ready for operation.

### 3.2 Ride Modes

The VIDA V2 Lite offers different ride modes to suit various riding conditions:

- **Eco Mode:** Optimized for maximum range and energy efficiency. Ideal for city commuting and conserving battery life.
- **Ride Mode:** Provides a balanced performance, suitable for everyday riding with a good mix of power and range.

Switch between modes using the controls on the handlebar or via the TFT display.

### 3.3 Braking System

The scooter is equipped with an advanced braking system, including Combined Braking System (CBS) with a front disc brake and rear drum brake, along with regenerative braking. Apply both brakes smoothly for effective stopping. Regenerative braking helps recharge the battery during deceleration.

### 3.4 Lighting

The VIDA V2 Lite features all-LED lighting, including a projector headlamp, for enhanced visibility and safety during day and night riding.

## 4. BATTERY CHARGING

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The VIDA V2 Lite is designed with a removable battery for convenient charging options.

### 4.1 Standard Charging

- Remove the battery from the scooter.
- Connect the portable charger to the battery and then to a standard power outlet.
- A full charge from 0% to 80% typically takes approximately 3 hours and 30 minutes.
- Ensure the charging area is well-ventilated and away from flammable materials.

### 4.2 Fast Charging

For quicker charging, utilize VIDA's extensive fast-charging network. Fast charging can provide approximately 1.0 km of range per minute of charging. Refer to the VIDA app or website for the nearest fast-charging station locations.



Image 4.1: Rear view of the VIDA V2 Lite Electric Scooter, showing the taillight and rear wheel assembly.

## 5. MAINTENANCE AND CARE

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Regular maintenance ensures the longevity and optimal performance of your VIDA V2 Lite scooter.

### 5.1 General Care

- Keep the scooter clean using a soft cloth and mild detergent. Avoid high-pressure washing directly on electrical components.
- The scooter has an IP67 rating, making it resilient to dust and water splashes, but it is not designed for submersion.
- Regularly check tire pressure and brake fluid levels.

### 5.2 Service Schedule

It is advised to avail all free and paid services from HERO MotoCorp's authorized workshops as per the recommended schedule to maintain warranty benefits. Each paid service should occur in multiples of 15,000 km or 1 year, whichever comes earlier from the date of invoice.

### 5.3 Firmware Updates (FOTA)

The VIDA V2 Lite supports Firmware Over the Air (FOTA) updates. These updates are crucial for improving performance and adding new features. Ensure your scooter is connected to Wi-Fi and accept notifications on the mobile app for seamless updates.

## 6. TROUBLESHOOTING

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This section addresses common issues you might encounter with your VIDA V2 Lite scooter. For problems not listed here, please contact an authorized service center.

### 6.1 Scooter Does Not Start

- **Check Battery Charge:** Ensure the battery is adequately charged.
- **Battery Connection:** Verify the battery is correctly installed and securely connected.
- **Ignition/Power Button:** Confirm the ignition is 'ON' or the power button has been pressed correctly.
- **Side Stand:** Ensure the side stand is fully retracted.

### 6.2 Charging Issues

- **Charger Connection:** Ensure the charger is properly connected to both the battery and the power outlet.
- **Power Outlet:** Test the power outlet with another device to confirm it is functional.
- **Charger Indicator:** Check the charger's indicator lights for any error signals.

### 6.3 Connectivity Problems (Bluetooth/Wi-Fi)

- **Restart Devices:** Try restarting both your scooter and your mobile device.
- **Range:** Ensure your mobile device is within Bluetooth range of the scooter.
- **Wi-Fi Signal:** Verify that the scooter is within range of a strong Wi-Fi signal for Wi-Fi connectivity.
- **App Permissions:** Check that the VIDA mobile app has the necessary permissions on your smartphone.

### 6.4 Reduced Range or Performance

- **Tire Pressure:** Incorrect tire pressure can significantly affect range. Check and adjust as per specifications.
- **Riding Style:** Aggressive acceleration and high speeds consume more battery. Utilize Eco mode for extended range.
- **Battery Health:** Over time, battery capacity may decrease. If significant degradation is observed, consult an authorized service center.

## 7. TECHNICAL SPECIFICATIONS

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6kW electric motor



0-40 km/h in 4.2 seconds



69 km/h top speed



94 km\* IDC range

Image 7.1: VIDA V2 Lite Electric Scooter highlighting performance metrics such as 6kW electric motor, 0-40 km/h acceleration, 69 km/h top speed, and 94 km IDC range.

Feature	Detail
Performance	<p><b>IDC Range:</b> 94 km*</p> <p><b>Top Speed:</b> 69 km/h</p> <p><b>Acceleration:</b> 0-40 km/h in 4.2 seconds</p> <p><b>Motor Power:</b> 6 KW</p>
Battery	<p><b>Type:</b> 1 Removable Battery</p> <p><b>Capacity:</b> 2.2 Kwh</p> <p><b>Charge Time (0-80%):</b> 3 hr 30 mins</p> <p><b>Motor Type:</b> PMSM with Integrated Gearbox and Controller</p> <p><b>Rating:</b> IP67 Rated</p>

Feature	Detail
Design & Chassis	<b>Lights:</b> All LED with projector headlamp <b>Tyre Size (Front):</b> 90/90 - 12" <b>Tyre Size (Rear):</b> 100/80 – 12" <b>Wheel Type:</b> Alloy Wheel <b>Brake System:</b> CBS (Front: Disc, Rear: Drum) <b>Suspension (Front):</b> Telescopic Fork <b>Suspension (Rear):</b> Mono shock
Dimensions	<b>Vehicle Length:</b> 1.86 m <b>Seat Height:</b> 777 mm <b>Ground Clearance:</b> 155 mm <b>Wheelbase:</b> 1301 mm <b>Kerb Weight:</b> 116 kg <b>Product Dimensions (LxWxH):</b> 186 x 73 x 116 cm
Smart Features	<b>Display:</b> 7-inch Touch-Enabled TFT Screen <b>Connectivity:</b> Bluetooth, Wi-Fi Connectivity <b>Ride Modes:</b> Eco and Ride
Manufacturer	HERO MotoCorp
Item Weight	116 kg

## 8. WARRANTY AND SUPPORT

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### 8.1 Warranty Information

HERO MotoCorp's obligation under warranty is to repair or replace, free of cost, any part(s) considered to be the cause of a problem, provided the problem has not resulted from misuse or improper handling of the vehicle. All replaced parts under this warranty become the property of the company.

To be eligible for warranty benefits, the purchaser must avail all free and paid services from HERO MotoCorp's authorized workshops as per the recommended schedule. Each paid service should occur in multiples of 15,000 km or 1 year, whichever occurs earlier from the date of invoice.

### 8.2 Customer Support

For any issues requiring repair or inspection, bring your VIDA V2 Lite vehicle along with this owner's manual to a HERO MotoCorp VIDA authorized workshop. For further assistance or inquiries, please refer to the official VIDA website or contact their customer service.

**Important Note:** Storage of vehicle running parameters at HMCL's servers is an integral aspect of operating an electric vehicle. The customer understands and authorizes this need. Firmware Over the Air (FOTA) updates are a regular practice for EVs to ensure optimal performance and updated software.

