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VIDA V1 Plus

VIDA V1 Plus Electric Scooter User Manual

Model: V1 Plus | Brand: VIDA by Hero MotoCorp

1. INTRODUCTION

Welcome to the user manual for your VIDA V1 Plus Electric Scooter. This document provides essential information for the safe operation, maintenance, and care of your scooter. Please read this manual thoroughly before operating the vehicle to ensure proper usage and to maximize your riding experience.



Image 1.1: Front-right view of the VIDA V1 Plus Electric Scooter.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to local traffic laws and regulations. Failure to follow safety instructions may result in injury or damage to the scooter.

- Always wear a certified helmet and appropriate protective gear while riding.
- Perform a pre-ride inspection before each use, checking brakes, tires, lights, and battery level.
- Do not operate the scooter under the influence of alcohol or drugs.
- Maintain a safe distance from other vehicles and pedestrians.
- Avoid sudden acceleration or braking, especially on slippery surfaces.
- Ensure both removable batteries are securely installed before riding.

3. PRODUCT OVERVIEW AND FEATURES

The VIDA V1 Plus is a high-speed electric scooter designed for efficient urban commuting. It features a robust

motor, long-range batteries, and smart connectivity options.

Key Features:

- **Performance:** 143 KM Certified Range per charge, 80 km/h Top Speed, 0-40km/h acceleration in 3.4 seconds, 6 KW Motor Power.
- **Battery System:** Two removable batteries with a total capacity of 3.44 Kwh. Charges 0-80% in 1 hour 5 minutes. PMSM motor with integrated gearbox and controller, IP67 rated.
- **Design Elements:** All-LED lighting with projector headlamp, 90/90-12" (Front) and 100/80-12" (Rear) tires, alloy wheels, CBS braking system (Front Disc, Rear Drum), Telescopic Fork (Front) and Monoshock (Rear) suspension.
- **Dimensions:** Vehicle Length 1.86 m, Saddle Height 780 mm, Ground Clearance 155 mm, Wheelbase 1301 mm, Kerb Weight 124 kg.
- **Smart Connectivity:** Digital Connectivity, Bluetooth, Wi-Fi, Anti-theft alarm, track my bike, Geo-fence, Remote immobilization, Vehicle diagnostics, SOS Alert button.
- **Ride Modes:** Eco, Ride, and Sport modes for varied riding conditions.



▪ 2 Removable Batteries

Charge anytime, anywhere at home, at the office, or even at your favourite café.

Image 3.1: Two removable batteries for flexible charging.



▪ 7-Inch Touch Display

Access important documents and get directions effortlessly with the intuitive touchscreen.

Image 3.2: The 7-inch touch display for navigation and information.



▪ LED Projector Headlamp

See further ahead in the dark with bright headlights.

Image 3.3: Bright LED projector headlamp for enhanced visibility.



▪ 26L Boot Space

Image 3.4: Spacious 26L boot space for storage.

4. SETUP

4.1. Battery Installation and Initial Charging

1. **Unpack Batteries:** Carefully remove the two removable batteries from their packaging.
2. **Locate Battery Compartment:** Open the seat to access the battery compartment.
3. **Insert Batteries:** Place each battery into its designated slot, ensuring a secure fit. Connect the battery terminals as indicated in the compartment.
4. **Initial Charge:** Before first use, fully charge both batteries using the provided 5A portable charger. Connect the charger to a standard wall outlet and then to the scooter's charging port or directly to the batteries. The charging indicator will show progress.
5. **Charging Time:** A full charge from 0-80% typically takes 1 hour and 5 minutes.

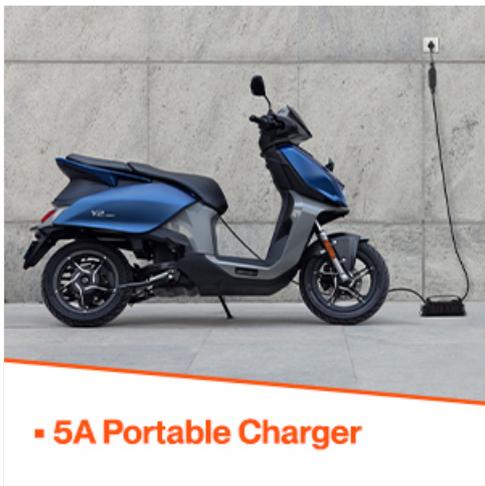


Image 4.1: The 5A portable charger connected to the scooter.

5. OPERATING INSTRUCTIONS

5.1. Starting the Scooter

1. **Keyless Entry:** Use the provided remote key to unlock the scooter.
2. **Power On:** Press the power button on the handlebar. The digital display will illuminate.
3. **Ready to Ride:** Ensure the kickstand is up and the scooter is in a safe riding mode.

5.2. Riding Modes

The VIDA V1 Plus offers multiple riding modes to suit different preferences and conditions:

- **Eco Mode:** Maximizes range and energy efficiency, suitable for relaxed cruising.
- **Ride Mode:** Balanced performance for daily commuting.
- **Sport Mode:** Provides maximum power and acceleration for dynamic riding.
- **Custom Mode:** Allows personalization of performance settings.

5.3. Controls and Features

- **Brakes:** The Combined Braking System (CBS) ensures efficient stopping power. Apply both front (disc) and rear (drum) brakes smoothly.
- **Lights:** Use the switch to control the LED projector headlamp and tail lights. The 'Follow Me Home Light' feature keeps the headlamp on for a short period after parking.
- **Horn:** Use the horn for signaling when necessary.
- **Regenerative Braking:** This system recharges the battery during deceleration, extending range.



▪ **Keyless Entry**

Image 5.1: Keyless entry remote for convenient access.



▪ **Riding Modes:**
Eco | Ride | Sport | Custom Mode

Image 5.2: Handlebar controls for selecting riding modes.



▪ **Regenerative Braking**

Image 5.3: Regenerative braking system for energy recovery.

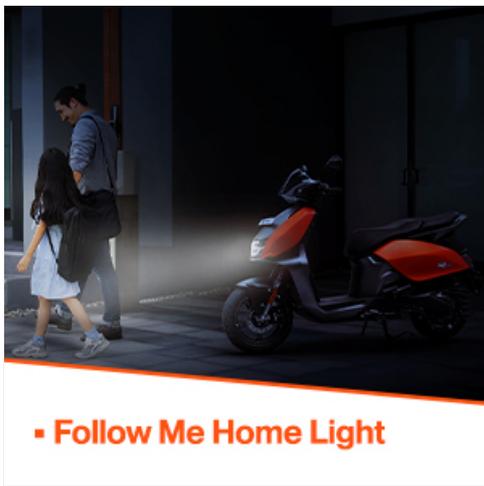


Image 5.4: Follow Me Home Light feature for convenience.

6. MAINTENANCE

6.1. Battery Care

- Avoid fully discharging the batteries regularly.
- Store batteries in a cool, dry place when not in use.
- Charge batteries at least once a month, even if the scooter is not being used, to maintain battery health.
- Do not expose batteries to extreme temperatures.

6.2. General Maintenance

- **Tires:** Regularly check tire pressure and tread depth. Maintain recommended pressure for optimal performance and safety.
- **Brakes:** Inspect brake pads and fluid levels periodically. Have brakes serviced by a qualified technician if performance degrades.
- **Cleaning:** Clean the scooter regularly with a soft cloth and mild detergent. Avoid high-pressure washing directly on electrical components.
- **Fasteners:** Periodically check all nuts, bolts, and fasteners for tightness.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. For complex problems, contact authorized service personnel.

| Problem | Possible Cause | Solution |
|-------------------------------|--|---|
| Scooter does not power on. | Low or discharged battery; improperly installed batteries; power button issue. | Charge batteries; ensure batteries are correctly seated; contact service if issue persists. |
| Reduced range or performance. | Battery degradation; low tire pressure; heavy load; aggressive riding. | Check tire pressure; ride in Eco mode; consider battery health check. |

| Problem | Possible Cause | Solution |
|------------------------------------|---|---|
| Brakes feel spongy or ineffective. | Worn brake pads; low brake fluid; air in brake lines. | Have brakes inspected and serviced by a qualified technician immediately. |
| Lights not working. | Blown fuse; wiring issue; faulty LED. | Check fuses; contact service for electrical diagnosis. |

8. TECHNICAL SPECIFICATIONS

Detailed specifications for the VIDA V1 Plus Electric Scooter:

| Feature | Specification |
|-------------------------|---|
| Brand | VIDA |
| Model | V1 Plus |
| Manufacturer | Hero MotoCorp |
| Certified Range | 143 km per charge |
| Top Speed | 80 km/h |
| Acceleration (0-40km/h) | 3.4 seconds |
| Motor Power | 6 KW |
| Battery Type | 2 Removable Batteries |
| Battery Capacity | 3.44 Kwh (total) |
| Charge Time (0-80%) | 1 hour 5 minutes |
| Motor Type | PMSM with Integrated Gearbox and Controller |
| IP Rating | IP67 (Motor) |
| Front Tire Size | 90/90 - 12" |
| Rear Tire Size | 100/80 - 12" |
| Brake System | CBS: Front Disc, Rear Drum |
| Front Suspension | Telescopic Fork |
| Rear Suspension | Monoshock |
| Vehicle Length | 1.86 m |
| Saddle Height | 780 mm |

| Feature | Specification |
|------------------|---------------|
| Ground Clearance | 155 mm |
| Wheelbase | 1301 mm |
| Kerb Weight | 124 kg |
| Color | Black |

9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card provided with your scooter or visit the official VIDA website. For technical support, service appointments, or any queries, please contact VIDA customer service through the official channels.

Customer Support: Refer to your purchase documentation for contact details or visit the official VIDA website for assistance.