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› Veleco SPARKY Electric Moped User Manual

## VELECO Veleco Sparky

# Veleco SPARKY Electric Moped User Manual

Model: Veleco Sparky

## 1. INTRODUCTION

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Welcome to the Veleco SPARKY Electric Moped User Manual. This document provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new Veleco SPARKY 2-wheel electric moped. Please read this manual thoroughly before using the product to ensure proper handling and to maximize its lifespan.



Figure 1: Veleco SPARKY Electric Moped (White Model)

The Veleco SPARKY is a modern, two-wheel electric moped designed for adult use, featuring a powerful motor and a long-lasting lithium-ion battery for urban navigation.

## 2. SAFETY INFORMATION

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

- **Wear a Helmet:** Always wear an approved safety helmet and appropriate protective gear when operating the moped.
- **Follow Traffic Laws:** Obey all local traffic laws, regulations, and road signs.

- **Pre-Ride Check:** Before each ride, check tire pressure, brake functionality, lights, and battery charge level.
- **Battery Safety:**
  - Use only the charger provided by Veleco.
  - Do not expose the battery to extreme temperatures or direct sunlight.
  - Do not attempt to open or modify the battery pack.
  - Charge the battery in a well-ventilated area, away from flammable materials.
- **Weight Limit:** Do not exceed the maximum weight capacity of the moped.
- **Weather Conditions:** Exercise caution when riding in wet or slippery conditions. Avoid riding in heavy rain or snow.
- **Children and Pets:** Keep children and pets away from the moped during operation and charging.

### 3. PRODUCT FEATURES AND COMPONENTS

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The Veleco SPARKY is equipped with advanced features for a comfortable and efficient ride:

- **Powerful Motor:** A 2000W (60V, 32Ah) motor provides efficient power, offering a range of up to 37 miles on a single charge.
- **Variable Speed:** Navigate at preferred speeds ranging from 25 to 37 mph.
- **Comfortable Seating:** Designed for solo or companion rides with a two-seater capacity and ample legroom.
- **LED Display Panel:** Provides real-time information for enhanced control.
- **USB Charging Port:** Conveniently charge your devices on the go.
- **Remote Management:** Allows for remote control and management of your moped.
- **Durable Construction:** Features an aluminum main material for stability and performance.

#### 3.1. Component Identification



Figure 2: Key Components of the Veleco SPARKY Moped

This diagram illustrates the main components of the Veleco SPARKY moped. Key parts include: Rearview Mirrors, LED Headlight, LED Indicators, Hydraulic Brake, Alloy Rims, Footrests, Charging Port, Motor, Seat, Backrest, Under-seat Storage, Kickstand, Tubeless Tires, Rear Light with Indicators, Throttle, and Digital Display.



Figure 3: Handlebar Controls

The handlebar features controls for lights, horn, and other functions, easily accessible for the rider.



Figure 4: LED Headlight

The modern LED headlight provides excellent visibility and enhances the moped's aesthetic.

## 4. SETUP

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Upon receiving your Veleco SPARKY, follow these steps for initial setup:

- 1. Unpacking:** Carefully remove the moped and all components from the packaging. Retain packaging for future transport or storage.
- 2. Assembly:**
  - Attach any loose components such as rearview mirrors, if not pre-installed. Ensure they are securely fastened.
  - Verify that all bolts and fasteners are tightened according to the assembly instructions (if a separate assembly guide is provided).
- 3. Initial Battery Charge:**
  - Locate the charging port, typically under the seat or on the side of the moped.
  - Connect the provided charger to the moped's charging port, then plug the charger into a standard electrical outlet.
  - Allow the battery to fully charge before first use. The LED indicator on the charger will change color (e.g., red to green) when charging is complete. This may take several hours.

4. **Tire Pressure Check:** Ensure tires are inflated to the recommended pressure, usually indicated on the tire sidewall or in the specifications section.



Figure 5: Battery Compartment and Charging Port Location

The battery is housed securely, and the charging port is easily accessible for convenient power replenishment.

## 5. OPERATING INSTRUCTIONS

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Familiarize yourself with the controls before riding. Always start in a safe, open area.

1. **Power On:** Insert the key into the ignition and turn it to the 'ON' position. The LED display panel will illuminate.
2. **Check Battery Level:** Verify the battery charge level on the LED display. Ensure sufficient charge for your intended journey.
3. **Lights:** Use the headlight switch on the handlebar to turn on the front and rear lights, especially when riding in low light conditions.
4. **Horn:** Press the horn button to alert pedestrians or other vehicles when necessary.
5. **Throttle Control:** Gently twist the right-hand throttle grip to accelerate. The moped will move forward smoothly. Release the throttle to decelerate.
6. **Braking:** Apply the brake levers (front and rear) smoothly and simultaneously to slow down or stop. Practice braking at low speeds.
7. **Kickstand:** Ensure the kickstand is fully retracted before riding. Use the kickstand to park the moped securely.
8. **USB Charging:** To use the USB charging port, simply plug your device's USB cable into the port.
9. **Power Off:** When finished riding, turn the key to the 'OFF' position and remove it.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your Veleco SPARKY.

- **Battery Care:**

- Charge the battery regularly, even if not in use, to maintain its health. Avoid fully discharging the battery.
- Store the moped and battery in a cool, dry place, away from direct sunlight and extreme temperatures.

- **Tire Maintenance:**

- Check tire pressure weekly and inflate to the recommended PSI.
- Inspect tires for wear, punctures, or damage. Replace worn tires promptly.

- **Brake System:**

- Regularly check brake levers for proper tension and responsiveness.
- Ensure brake pads are not excessively worn. Consult a professional for brake adjustments or replacements.

- **Cleaning:**

- Clean the moped with a damp cloth and mild detergent. Avoid using high-pressure washers directly on electrical components.

- Do not submerge any part of the moped in water.
- **General Inspection:** Periodically check all nuts, bolts, and fasteners to ensure they are tight. Lubricate moving parts as needed.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Veleco SPARKY.

Problem	Possible Cause	Solution
Moped does not power on.	Battery is discharged; Key not fully inserted/turned; Loose battery connection.	Charge the battery; Ensure key is fully inserted and turned to 'ON'; Check battery connections.
Reduced range or power.	Low battery charge; Overloaded moped; Low tire pressure; Battery degradation.	Fully charge battery; Reduce load; Inflate tires to correct pressure; Consult service for battery check if old.
Brakes feel spongy or ineffective.	Air in hydraulic lines; Worn brake pads; Low brake fluid.	Do not ride. Have brakes inspected and serviced by a qualified technician immediately.
Unusual noises during operation.	Loose components; Motor issue; Brake rubbing.	Inspect for loose parts and tighten; If noise persists, contact customer support.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact Veleco customer support.

## 8. SPECIFICATIONS

Detailed technical specifications for the Veleco SPARKY Electric Moped:

<b>Model Name</b>	Veleco Sparky
<b>Motor Power</b>	2000W (60V, 32Ah)
<b>Estimated Range</b>	Up to 37 miles (approx. 60 km) per charge
<b>Speed Range</b>	25 to 37 mph (approx. 40 to 60 km/h)
<b>Dimensions (L x W x H)</b>	240 x 116 x 161 cm (approx. 94.5 x 45.7 x 63.4 inches)
<b>Main Material</b>	Aluminum
<b>Included Components</b>	Charger, Key Set
<b>Battery</b>	Lithium-ion (included)
<b>Color Options</b>	Black Red, Blue White
<b>ASIN</b>	B0CM6XC869
<b>Date First Available</b>	October 31, 2023

## 9. WARRANTY AND SUPPORT

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Veleco stands behind the quality of its products. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official Veleco website. Keep your proof of purchase for warranty claims.

For technical support, spare parts, or any inquiries regarding your Veleco SPARKY moped, please contact Veleco customer service through their official channels. Contact information can typically be found on the Veleco website or on your product packaging.

**Manufacturer:** VELECO