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VARUN M26-2 Pro

VARUN M26-2 Pro E-Bike User Manual

Model: M26-2 Pro | Brand: VARUN

1. INTRODUCTION

Welcome to the VARUN M26-2 Pro E-Bike user manual. This guide provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety. Retain this manual for future reference.

For additional support and product information, please visit the official [VARUN Store](#).

2. SAFETY INFORMATION

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

- **Wear a Helmet:** Always wear an approved bicycle helmet when riding.
- **Local Regulations:** Familiarize yourself with and obey all local traffic laws and regulations regarding electric bicycles.
- **Pre-Ride Check:** Before each ride, inspect the brakes, tires, battery, and all fasteners to ensure they are in proper working order.
- **Weather Conditions:** Exercise caution when riding in wet conditions, as braking distance may increase. Avoid riding in severe weather.
- **Weight Limit:** Do not exceed the maximum load capacity of 330 lbs (150 kg).
- **Age Range:** This e-bike is designed for adult riders.

3. PACKAGE CONTENTS

Upon unpacking, verify that all components are present:

- 1 x VARUN M26-2 Pro Electric Bike

- 1 x User Manual
- 1 x Charger
- 1 x Tool Kit
- 1 x Phone Holder
- 1 x Bike Lock Cable
- 1 x Bicycle Pump
- 1 x USB Charging Taillight



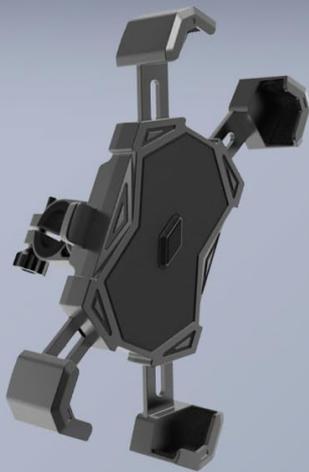
Image: The VARUN M26-2 Pro E-Bike shown with a red gift box indicating included accessories such as a bike lock, phone holder, pump, and taillight.



Bike Lock Cable



Bike Headlight



Mobile Phone Holder



Bicycle Pump

Image: A detailed view of the included accessories: a coiled bike lock cable, a red USB-chargeable taillight, a mobile phone holder, and a bicycle pump.

4. SETUP GUIDE

4.1 Assembly

Your VARUN M26-2 Pro E-Bike arrives approximately 90% pre-assembled. The remaining assembly typically involves attaching the front wheel, handlebars, pedals, seat post, and any included accessories. Refer to the detailed instructions in the included user manual for step-by-step guidance.

4.2 Battery Installation and Initial Charging

1. Locate the battery compartment on the bike frame.
2. Insert the 48V 13AH removable lithium battery securely into the frame. Ensure it clicks into place.
3. Before your first ride, fully charge the battery using the provided charger. Connect the charger to the battery port and then to a power outlet. The charging indicator on the charger will change when fully charged (typically 4-6 hours).

48V 13AH LARGE CAPACITY

Removeable Lithium Battery




40~60Miles
Per Charge


5~7H
Full Charge


BMS
Power Saving


IP54
WaterProof



Image: The VARUN M26-2 Pro E-Bike with its removable 48V 13AH battery, illustrating the charging process with two chargers connected to power outlets.

4.3 Tire Inflation

The 26" x 4.0" fat tires require specific pressure for optimal performance and comfort. Use the included bicycle pump to inflate the tires to the recommended PSI, which can typically be found on the tire sidewall. Proper inflation is crucial for grip and stability across various terrains.

4.4 Brake Adjustment

Ensure both front and rear dual disc brakes are properly aligned and adjusted for responsive stopping power. Test the brakes at a low speed before riding.

4.5 Handlebar and Seat Adjustment

Adjust the handlebar height and seat post to a comfortable riding position that allows for proper leg extension and control. Ensure all quick-release levers are securely tightened after adjustment.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

To power on the e-bike, press and hold the power button on the LCD display. To power off, repeat the action. Always ensure the bike is powered off when not in use or during transport.

5.2 LCD Display Functions

The IPX4 waterproof LCD display provides real-time riding data:

- **Battery Indicator:** Shows current battery level.
- **Riding Speed:** Displays current speed.
- **Speed Level:** Indicates the current pedal assist level.
- **Odometer:** Tracks total distance traveled.



Image: A close-up view of the e-bike's handlebars, highlighting the Shimano 7-speed gear shifter on the left and the smart LCD display on the right, showing battery indicator, riding speed, speed level, and odometer.

5.3 Riding Modes

The VARUN M26-2 Pro offers four multifunctional riding modes:

- **Pure Electric Mode:** Provides full motor power without pedaling, ideal for effortless cruising up to 25 MPH.
- **Pedal Assist Mode (PAS):** The motor assists your pedaling effort, offering a balanced exercise experience and extending range up to 60 miles. Speed can reach up to 28 MPH in this mode.
- **Walking Assist Mode:** Provides low-speed motor assistance for easy manipulation when walking alongside the bike.
- **Classic Cycling Mode:** The motor is off, and the bike operates like a traditional bicycle, relying solely on pedal power.

VERSATILE CLASS 3 E-BIKE

*5 Speed Modes for
Precision Control
at Your Fingertips*



25MPH
Pure Electric



28MPH
Pedal-Assist



Manual Pedal
Class Mode



Image: A rider on the VARUN E-Bike, with an overlay illustrating the three main speed modes: 25 MPH Pure Electric, 28 MPH Pedal-Assist, and Manual Pedal Class Mode.

5.4 Gear Shifting

The Shimano 7-speed gear system allows for seamless transitions and efficient riding across varied terrain. Use the shifter on the handlebars to select the appropriate gear for your speed and incline.

5.5 Braking System

The dual disc brakes provide reliable and strong stopping power. Always apply both brakes simultaneously for

controlled deceleration. Regularly check brake pads for wear and ensure cables are properly tensioned.

5.6 Lockable Front Suspension

The adjustable front fork suspension enhances comfort by absorbing impacts. It features a lockout function:

- **Open (Unlocked):** Provides cushioning for rugged paths and bumpy roads, offering a more comfortable ride.
- **Locked:** Stiffens the fork for higher energy transfer efficiency on smooth surfaces, improving pedaling performance.



Image: A rider on the VARUN E-Bike navigating rocky terrain, highlighting the 'PRO-LEVEL LOCKABLE FRONT FORK SUSPENSION' with illustrations of 'Lockout Fork' for comfort and 'Locked Fork' for high energy efficiency.

6. BATTERY CARE

Proper battery care extends its lifespan and ensures safe operation:

- **Charging:** Always use the original charger. Avoid overcharging or completely draining the battery.
- **Storage:** Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures. If

storing for extended periods, charge it to 50-70% every 2-3 months.

- **Battery Management System (BMS):** The integrated BMS protects the battery from overcharge, over-discharge, and overheating, ensuring safety and longevity.

7. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your e-bike:

- **Tires:** Check tire pressure before each ride. Inspect for wear, cuts, or punctures.
- **Brakes:** Regularly check brake lever tension and pad wear. Replace worn pads promptly.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **Fasteners:** Periodically check all bolts and nuts for tightness, especially on critical components like wheels, handlebars, and seat post.
- **Cleaning:** Clean the bike with a damp cloth and mild soap. Avoid high-pressure washing directly on electrical components.
- **Professional Servicing:** Consider professional inspection and servicing at least once a year, or more frequently with heavy use.

8. TROUBLESHOOTING

This section addresses common issues you might encounter:

Problem	Possible Cause	Solution
E-bike does not power on	Battery not charged or not properly installed; loose connections.	Ensure battery is fully charged and securely seated. Check all cable connections.
Motor not assisting	Pedal Assist System (PAS) level set to 0; brake levers engaged; motor connection issue.	Increase PAS level on display. Ensure brake levers are fully released. Check motor cable connections.
Brakes feel weak or noisy	Worn brake pads; misaligned calipers; loose cables.	Inspect and replace brake pads if worn. Adjust caliper alignment. Tighten brake cables.
Gears are not shifting smoothly	Dirty or unlubricated chain; misaligned derailleur; stretched gear cable.	Clean and lubricate the chain. Adjust derailleur. If issues persist, seek professional help.

If you encounter issues not listed here or cannot resolve a problem, please contact VARUN customer support.

9. SPECIFICATIONS

Key technical specifications for the VARUN M26-2 Pro E-Bike:

Feature	Detail
Bike Type	Electric Bike

Feature	Detail
Age Range	Adult
Motor	500W (Peak 750W)
Battery	48V 13AH Removable Lithium Battery
Max Speed	Up to 28 MPH (Pedal Assist)
Range	Up to 60+ Miles (Auxiliary Mode)
Charging Time	4-6 Hours
Number of Speeds	7 (Shimano Gear System)
Wheel Size	26 Inches
Wheel Width	4 Inches (Fat Tires)
Frame Material	Aluminum
Suspension Type	Dual (Lockable Front Fork)
Brake Style	Disc (Dual Disc Brakes)
Waterproof Rating	IPX4 (LCD Display)
Maximum Load	330 lbs (150 kg)
Bicycle Weight	62.8 lbs (28.5 kg)
Recommended Height	5.7 ft - 6.7 ft

10. WARRANTY AND SUPPORT

VARUN provides a **1-year manufacturer's warranty** for your M26-2 Pro E-Bike, ensuring peace of mind. This warranty covers manufacturing defects under normal use conditions.

For any questions, technical assistance, or warranty claims, please contact VARUN customer service. Our team is available to provide support and ensure your VARUN electric bike experience is satisfactory.

You can find contact information and further details on the official [VARUN Store](#) or through your purchase platform.