

[Manuals.plus](#) /

› [Ridstar](#) /

› Ridstar Electric Bike User Manual

Ridstar E26 Pro

Ridstar Electric Bike User Manual

Model: E26 Pro

WELCOME TO YOUR RIDSTAR ELECTRIC BIKE

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Ridstar Electric Bike. Please read it thoroughly before your first ride to ensure optimal performance and safety.



Figure 1: The Ridstar Electric Bike, featuring fat tires and full suspension for versatile riding.

The Ridstar Electric Bike is designed for adults, featuring a powerful 1500W motor, a 48V 15.6AH removable battery, and 26-inch all-terrain fat tires. It is built to handle various environments, including mountains, snow, sand, and roads, offering a top speed of 31 MPH and a range of 25-50 miles.

IMPORTANT SAFETY INFORMATION

Your safety is paramount. Adhere to all local traffic laws and regulations. Always wear a helmet and appropriate safety gear when riding. Regular inspection and maintenance are crucial for safe operation.

- **Helmet Use:** Always wear a certified helmet.
- **Pre-Ride Check:** Before each ride, inspect brakes, tires, battery, and all connections.

- **Weather Conditions:** Exercise caution in wet or slippery conditions. The bike is IP5 waterproof, but avoid submerging it.
- **Weight Limit:** Do not exceed the maximum load capacity of 330 lbs.
- **Battery Handling:** Use only the provided charger. Do not modify or damage the battery. Store in a cool, dry place.
- **Children:** This electric bike is intended for adult use only.

SETUP AND ASSEMBLY

1. Unpacking

Carefully remove all components from the packaging. Ensure all parts listed in the packing list are present. The bike arrives 90% pre-assembled.

2. Assembly

Follow the detailed instructions in the included user manual for the remaining assembly steps. This typically involves attaching the front wheel, handlebars, pedals, and seat. Ensure all bolts and quick releases are securely tightened.

3. Initial Battery Charge

Before your first ride, fully charge the battery. The 48V 15.6Ah removable lithium battery typically takes 4-6 hours for a full charge. Connect the charger to the bike's charging port and then to a standard power outlet. The charger indicator light will change when charging is complete.

PEAK 1500W HIGH-SPEED BRUSHLESS MOTOR

35MPH Max Speed **40°** Gradient **85NM** Torque

48V 15AH Removable lithium battery

Ridstar

45+ MILES Long range **BMS** Power Saving **4-6 HOUR** Charge Time

UL LISTED

Figure 2: The removable 48V 15.6Ah lithium battery, UL certified for safety and performance.

OPERATING YOUR E-BIKE

1. Controls Overview

Your Ridstar E-Bike is equipped with an advanced LCD display, a Shimano 21-speed gear system, and hydraulic dual brakes for precise control and a smooth riding experience.

48V 15AH

Removable lithium battery



45+ MILES
Long range

BMS
Power Saving

4-6 HOUR
Charge Time

Figure 3: Key control features including the LCD display, gear shifter, disc brakes, and adjustable saddle.

- **LCD Display:** Shows real-time metrics such as speed, battery level, and trip distance. Parameters can be adjusted via the display.
- **Gear System:** The Shimano 21-speed gear system allows for efficient pedaling across various terrains and inclines.
- **Hydraulic Dual Brakes:** Provide strong and responsive stopping power, reducing braking distance by 50%.

2. Riding Modes

The Ridstar Electric Bike offers three versatile riding modes:

1. **Pure Electric Mode:** Engage the throttle for motor-only propulsion, ideal for effortless cruising.
2. **Pedal-Assist Mode:** The motor provides assistance as you pedal, offering a balance of exercise and power. Multiple levels of assist are available.
3. **Classic Bike Mode:** Ride without motor assistance, just like a traditional bicycle.

3. Motor and Speed

Equipped with a 1500W brushless motor, the bike can reach a maximum speed of 31 MPH. This powerful motor is capable of conquering inclines up to 40 degrees, making it suitable for challenging off-road conditions.



Figure 4: The powerful 1500W brushless motor, providing high speed and torque for various terrains.

4. All-Terrain Capability

The 26 x 4.0-inch fat tires and full suspension system (100% reinforced front suspension fork and rear hydraulic shock absorber) provide superior stability and comfort across diverse terrains, including mountains, snow, sand, and paved roads.

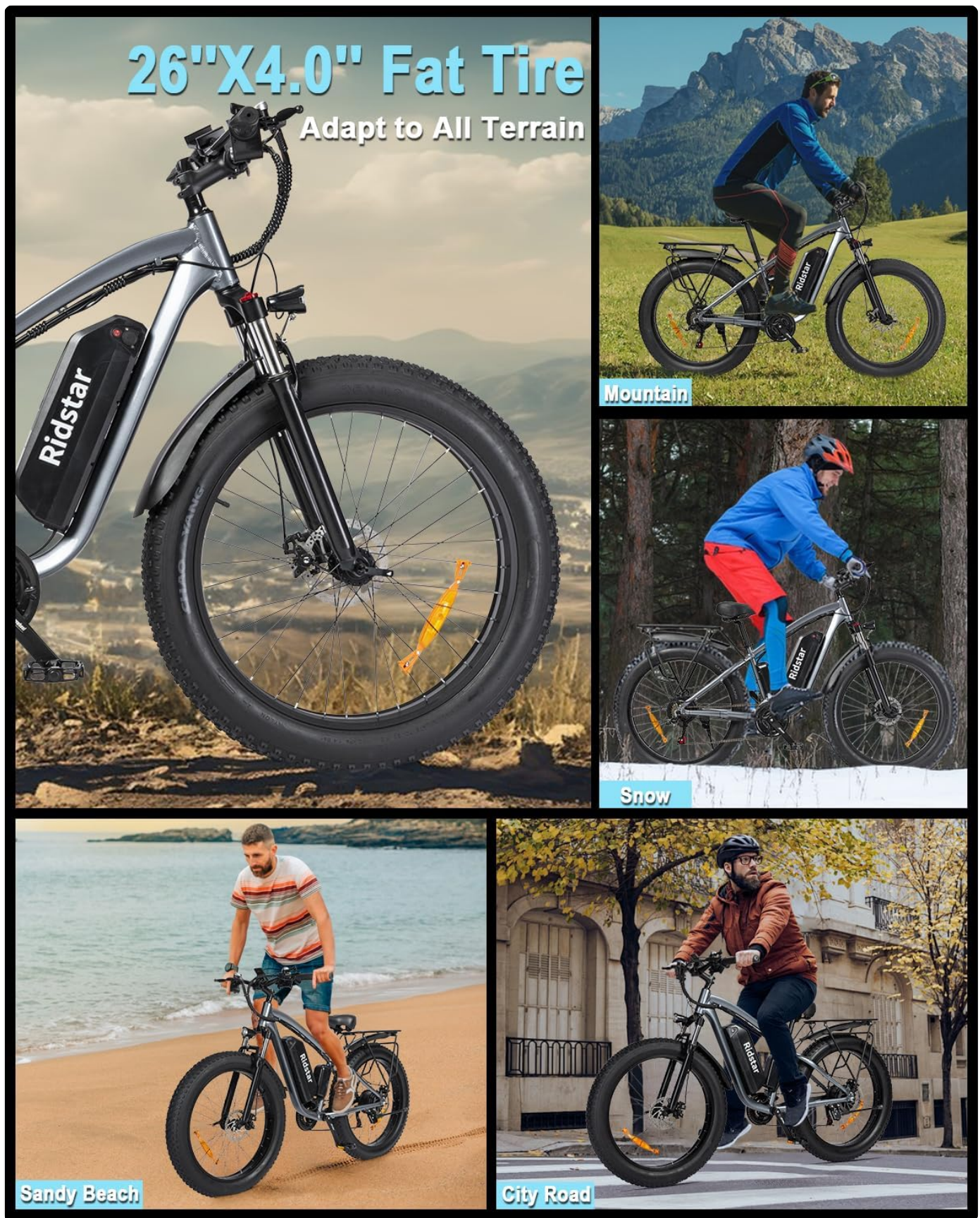


Figure 5: The robust fat tires and dual suspension system designed for all-terrain performance.

5. Lighting System

For safe riding in various conditions, the bike is equipped with bright LED headlights and taillights, ensuring visibility during day and night.

SUSPENSION FORK BETTER

Better Control of the Ebike More Comfortable Ride



Figure 6: Integrated LED headlight and brake light for improved safety and visibility.

Regular maintenance extends the life of your electric bike and ensures safe operation.

1. Battery Care

- Charge the battery fully after each use, especially if it will be stored for an extended period.
- Avoid completely draining the battery.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for long periods, charge the battery to 50-70% every 1-2 months.

2. Tire Pressure

Maintain proper tire pressure as indicated on the tire sidewall. Incorrect pressure can affect ride quality, range, and tire lifespan. Check pressure before each ride.

3. Brake Inspection

Regularly check the brake levers for proper tension and ensure the brake pads are not excessively worn. Adjust or replace as needed. Hydraulic brakes require professional servicing if issues arise.

4. General Cleaning

Clean your bike regularly with a damp cloth and mild soap. Avoid high-pressure washing directly on electrical components. Lubricate the chain periodically.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Ridstar Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged, battery not properly seated, power button off.	Charge battery, ensure battery is securely installed, press power button on battery and display.
Motor not assisting.	Pedal-assist level too low, brake levers engaged, motor connection loose.	Increase pedal-assist level on display, release brake levers, check motor cable connection.
Short battery range.	Low tire pressure, riding uphill frequently, heavy load, cold weather.	Inflate tires to recommended pressure, use lower assist levels on flat terrain, reduce load if possible.
Brakes feel weak.	Worn brake pads, air in hydraulic lines, misaligned calipers.	Inspect and replace brake pads, consult a professional bike mechanic for hydraulic system issues.

TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	E26 Pro
Motor	1500W Brushless Motor
Max Speed	31 MPH
Battery	48V 15.6Ah Removable Lithium Battery (UL Certified)
Range	25-50 Miles (depending on assist level and terrain)
Wheel Size	26 Inches (4.0" Fat Tires)
Frame Material	Aluminum
Suspension	Dual Suspension (Front Fork & Rear Hydraulic Shock Absorber)
Brakes	Hydraulic Dual Disc Brakes
Gear System	Shimano 21-Speed
Max Load Capacity	330 lbs
Included Components	E-BIKE, Charger, Tool kits, User manual, LCD Smart Display, Headlight, Taillight, Rear Seat

WARRANTY AND CUSTOMER SUPPORT

Ridstar offers a **one-year warranty** for the e-bike components, ensuring peace of mind regarding your purchase. Additionally, lifetime technical support is provided to assist you with any questions or issues you may encounter. For warranty claims, technical assistance, or any other inquiries, please contact Ridstar customer support through the official website or the retailer where you purchased the product. Please have your model name (E26 Pro) and purchase date ready when contacting support. You can visit the official Ridstar store on Amazon for more information:[Ridstar Store](#)

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question