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Model: Advent Single Motor-1300w

INTRODUCTION

Thank you for choosing the Wildeway Advent Electric Bike. This manual provides essential information for the safe assembly, operation, and maintenance of your electric bicycle. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize your riding experience. Retain this manual for future reference.

SAFETY INFORMATION

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

- Always wear a helmet that meets safety standards.
- Obey all local traffic laws and regulations.
- Perform a pre-ride inspection before each use, checking brakes, tires, battery, and lights.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Ensure the battery is securely locked in place before riding.
- Avoid riding in extreme weather conditions.
- The Wildeway Advent electric bike is UL 2849 safety certified, ensuring compliance with electrical and fire safety standards.

PACKAGE CONTENTS

Upon unpacking, verify that all components are present:

- Wildeway Advent Electric Bike (85% pre-assembled)
- 48V 20Ah Removable Battery
- Battery Charger
- Pedals
- Front Fender (if not pre-installed)
- Tools for assembly
- User Manual

SETUP AND ASSEMBLY

Your Wildeway Advent electric bike arrives 85% pre-assembled. The remaining assembly typically involves attaching the front wheel, handlebars, seat post, pedals, and front fender.

Assembly Steps:

1. **Unpack the Bike:** Carefully remove the bike and all components from the packaging.
2. **Install the Front Wheel:** Align the front wheel with the fork dropouts and secure it using the quick-release skewer or axle nuts. Ensure the brake rotor is correctly seated in the caliper.
3. **Attach the Handlebars:** Insert the handlebar stem into the fork steerer tube or attach the handlebar to the stem, ensuring proper alignment and tightening all bolts securely.
4. **Install the Seat Post:** Insert the seat post into the frame's seat tube and adjust the height for a comfortable riding position. Secure with the quick-release lever or bolt.
5. **Attach the Pedals:** Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Apply a small amount of grease to the threads before installation.
6. **Install Front Fender (if applicable):** Attach the front fender to the fork using the provided hardware.
7. **Initial Battery Charge:** Fully charge the battery before your first ride. Refer to the 'Battery Management' section for details.

For a visual guide, please refer to the assembly video available on the product page or Wildeway's official website.



Image: The Wildeway Advent Electric Bike, showcasing its full suspension and fat tires, with an included air pump.

COMPONENTS OVERVIEW

Familiarize yourself with the main components of your Wildeway Advent electric bike:

- **1300W Peak Brushless Rear Hub Motor:** Provides powerful assistance and propulsion.
- **48V 20Ah Removable Lithium Battery:** Powers the motor and electronics, offering long range.
- **Intelligent Digital LCD Display:** Shows real-time ride data including speed, battery level, distance, and assist mode.
- **Hydraulic Disc Brakes:** Front and rear for reliable stopping power.
- **26"x4.0" Fat Tires:** Provide excellent traction and shock absorption.
- **Full Dual Suspension:** Lockable double-shoulder front fork and rear shock absorber for a smooth ride.
- **7-Speed Gear System:** Allows for efficient pedaling across various terrains.
- **Integrated LED Lighting System:** Includes 600-lumen headlight, rear brake light, and turn signals.



Image: Detailed diagram illustrating the 1300W peak brushless rear hub motor, highlighting its 750W rated power, 68Nm torque, 32MPH max speed, and ability to conquer 30-45° hills.



Image: Close-up view of the 7-speed gear shifter and rear derailleur, demonstrating the bike's versatile gearing system.

OPERATING INSTRUCTIONS

Powering On/Off

To power on the bike, press and hold the power button on the digital display. To power off, press and hold the same button until the display turns off.

Riding Modes

Your Wildeway Advent offers four riding modes:

- **Pure Electric Mode:** Engage the twist throttle to propel the bike without pedaling.
- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal. Adjust the assist level (usually 1-5) via the display controls.
- **Cruise Control Mode:** Activate this feature (if available and enabled) to maintain a constant speed without continuous throttle input.
- **Traditional Bicycle Mode:** Ride the bike like a standard bicycle with no motor assistance.

Gear Shifting

Use the gear shifter on the handlebars to change between the 7 available speeds. Shift to a lower gear for climbing hills and a higher gear for flat terrain or descents.

Braking System

The bike is equipped with front and rear hydraulic disc brakes. Squeeze the brake levers on the handlebars to engage the brakes. Apply both brakes simultaneously for balanced and effective stopping. Hydraulic brakes offer superior stopping power and modulation compared to mechanical brakes.

INTELLIGENT DIGITAL DISPLAY SCREEN

The smart LCD display delivers real-time ride data at a glance - speed, battery level, distance, and assist mode.



Image: Close-up of the intelligent digital LCD display screen and handlebar controls, pointing out the hydraulic brake levers, USB charging port, turn signal controls, and twist throttle.

Lighting and Turn Signals

Activate the integrated LED headlight for improved visibility during low-light conditions. The rear brake light illuminates when brakes are applied. Use the handlebar controls to activate the turn signals for indicating your direction to others.

7-Speed

Experience the freedom to effortlessly transition between speeds, savoring every moment of your unique journey



Image: Diagram showcasing the bike's 360° lighting system, including the 600-lumen headlight, rear brake light, and integrated turn signals for enhanced visibility and safety.

BATTERY MANAGEMENT

Charging the Battery

Connect the charger to the bike's charging port (DC2.5) or directly to the removed battery. Plug the charger into a standard wall outlet. The charging indicator on the charger will show the charging status (e.g., red for charging, green for fully charged). A full charge typically takes 6-8 hours.

Battery Removal and Installation

The 48V 20Ah battery is removable for convenient charging or storage. Use the provided key to unlock the battery from the frame. Carefully slide the battery out. To reinstall, align the battery with the frame slot and push it in until it clicks securely, then lock it with the key. The battery features an IP65 waterproof rating and a hidden anti-theft design.

Battery Care

- Avoid fully discharging the battery regularly.
- Store the battery in a cool, dry place when not in use.
- Charge the battery at least once every two months if not used for extended periods.
- Do not expose the battery to extreme temperatures.



Image: Close-up view of the 48V 20Ah removable battery integrated into the bike frame, showing the power switch, USB output port, and DC2.5 charging port, along with its IP65 waterproof rating and 40-60 mile range.

MAINTENANCE

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

- **Cleaning:** Wipe down the bike with a damp cloth after each ride. Avoid using high-pressure washers directly on electrical components.
- **Tire Pressure:** Check tire pressure before each ride. The 26"x4.0" fat tires typically require lower pressure than standard bike tires; refer to the tire sidewall for recommended PSI.
- **Brake Inspection:** Regularly check brake pads for wear and brake levers for proper function. Ensure brake fluid levels are adequate for hydraulic systems.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- **Bolt Tightness:** Periodically check all bolts and fasteners, especially on the handlebars, seat post, and

wheels, to ensure they are securely tightened.

- **Suspension Check:** Inspect the front fork and rear shock absorber for proper function and adjust as needed for your riding style and terrain.

TROUBLESHOOTING

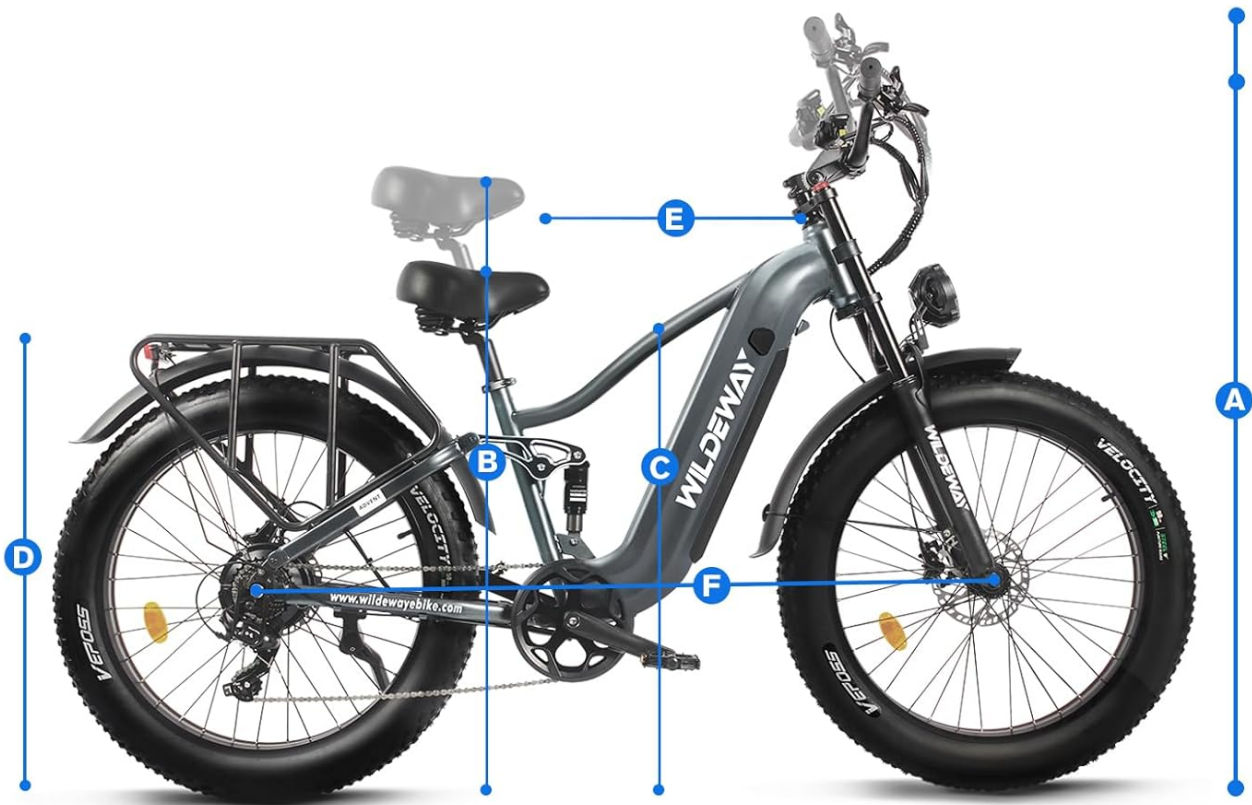
This section addresses common issues you might encounter:

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly installed; loose electrical connection.	Ensure battery is fully charged and securely locked. Check all visible cable connections.
Motor not assisting	Pedal Assist System (PAS) level set to 0; brake levers engaged; motor connection issue.	Increase PAS level on the display. Ensure brake levers are fully released. Check motor cable connection.
Short battery range	Low tire pressure; riding in high assist levels; cold weather; battery degradation.	Inflate tires to recommended PSI. Use lower assist levels. Battery performance may decrease in cold. Consider battery replacement if significantly degraded.
Brakes feel weak	Worn brake pads; air in hydraulic line; misaligned caliper.	Inspect and replace brake pads if worn. Bleed hydraulic brakes (professional service recommended). Adjust caliper alignment.


SPECIFICATIONS

Detailed specifications for the Wildeway Advent Single Motor-1300w Electric Bike:

Feature	Detail
Bike Type	Electric Bike
Model Name	Wildeway Advent
Motor	1300W Peak Brushless Rear Hub Motor (750W Rated Power)
Top Speed	Up to 32 MPH
Battery	48V 20Ah Removable Lithium Battery (IP65 Waterproof)
Range	40-60 miles per charge (depending on mode and conditions)
Charge Time	6-8 hours
Tires	26"x4.0" Fat Tires
Suspension Type	Dual (Lockable Double-Shoulder Front Fork & Rear Shock Absorber)
Brakes	Hydraulic Disc Brakes (Front & Rear)
Number of Speeds	7
Recommended Rider Height	5'4"-6'3" (163-191 cm)
Max Load Capacity	330 lbs (150 kg)
Bike Weight	93.03 lbs
Safety Certification	UL 2849



A. Handlebar Height	45.67" - 48.43"
B. Seat Height	33.46" - 41.34"
C. Standover Height	31.5"
D. Rear Rack Height	31.5"
E. Reach	23.62"
F. Wheelbase	49.61"

 **5'4"–6'3"**
Recommended Height

 **93.03lbs**
Bike Weight

 **330lbs**
Max Load

Image: Diagram illustrating key dimensions of the Wildeway Advent electric bike, including handlebar height, seat height, standover height, rear rack height, reach, and wheelbase, along with recommended rider height and max load capacity.

WARRANTY AND SUPPORT

Warranty Information

Wildeway provides a one-year warranty on the battery, motor, and charger. Other accessories are covered by a 90-day warranty. Please retain your proof of purchase for warranty claims.

Customer Support

For product support, technical assistance, or warranty claims, please contact Wildeway customer service. You can typically find contact information on the product packaging, the official Wildeway website, or through your purchase platform. When contacting support, provide your order details and a clear description of the issue,

including photos or videos if applicable, to facilitate a quicker resolution.