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## ZÜNDAPP XFS Ebike

# ZÜNDAPP XFS Ebike 27.5" Full Suspension Electric Mountain Bike User Manual

Model: XFS Ebike | Brand: ZÜNDAPP

## 1. IMPORTANT SAFETY INFORMATION

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Read this manual thoroughly before operating your ZÜNDAPP XFS Ebike. Failure to follow instructions and safety warnings can result in serious injury or damage to the bicycle. Keep this manual for future reference.

- Always wear a helmet when riding.
- Perform a pre-ride safety check before each use, including brakes, tires, and battery security.
- Ensure all quick releases and fasteners are properly tightened.
- Do not ride under the influence of alcohol or drugs.
- Be aware of local traffic laws and regulations.
- Do not modify the ebike's electrical system or motor.
- Keep hands and feet clear of moving parts.
- The ebike is designed for adult riders between 170-190 cm in height.

## 2. INITIAL SETUP AND ASSEMBLY

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Your ZÜNDAPP XFS Ebike is delivered approximately 98% pre-assembled. The following steps detail the final assembly required before your first ride.

### 2.1 Unpacking

Carefully remove the ebike from its packaging. Inspect for any shipping damage. Retain packaging materials for potential future transport or returns.

### 2.2 Handlebar Installation

1. Loosen the bolts on the stem faceplate.
2. Position the handlebar in the stem, ensuring it is centered and the brake levers and shifters are at a comfortable angle.
3. Tighten the stem faceplate bolts evenly to secure the handlebar.

### 2.3 Pedal Attachment

Identify the left (L) and right (R) pedals. The right pedal tightens clockwise, and the left pedal tightens counter-clockwise. Apply a small amount of grease to the pedal threads before installation.

1. Screw the right pedal (R) into the right crank arm (chain side) clockwise.
2. Screw the left pedal (L) into the left crank arm counter-clockwise.
3. Tighten both pedals firmly with a pedal wrench.

## 2.4 Seat Post and Saddle Adjustment

Insert the seat post into the frame. Adjust the saddle height so that your leg is slightly bent at the knee when the pedal is at its lowest point. Ensure the quick-release lever is securely closed.

## 2.5 Tire Inflation

Inflate tires to the recommended pressure indicated on the tire sidewall. Proper tire pressure is crucial for safety, performance, and battery range.



Image 1: ZÜNDAPP XFS Ebike highlighting rider height (170-190cm), wheel size (27.5 inches), and 27 gears.

## 3. OPERATING YOUR EBIKE

### 3.1 Battery and Motor System

The ZÜNDAPP XFS Ebike features a powerful rear hub motor and a 504 Wh lithium battery, providing a range of 35 to 150 km depending on terrain, rider weight, and assist level.

- **Charging:** Connect the charger to the battery port and a power outlet. The charging indicator will show the status. Charge fully before first use.
- **Power On/Off:** Press and hold the power button on the LCD display to turn the system on or off.
- **Assist Levels:** Use the control buttons on the handlebar to select your desired pedal assist level (e.g., Eco, Tour, Sport, Turbo). Higher assist levels provide more power but reduce battery range.
- **LCD Display:** The display shows speed, distance, battery level, and assist level. Refer to the separate display manual for detailed functions.



## Radnabenmotor am Hinterrad



Perfekt für  
hügelige & ebene Strecken



Besonders  
energieeffizient



Image 2: Close-up of the rear wheel, showcasing the integrated hub motor. This motor provides efficient power assistance for varied terrains.



Image 3: Illustration of the ebike's range, indicating up to 150 km on a single battery charge. Actual range varies based on conditions.

### 3.2 Shifting Gears (27-Speed Shimano Tourney)

Your ebike is equipped with a 27-speed Shimano Tourney drivetrain. Proper shifting technique enhances efficiency and prolongs

component life.

- Shift gears while pedaling lightly. Avoid shifting under heavy load.
- Use the left shifter for the front derailleur (larger gear changes) and the right shifter for the rear derailleur (smaller, finer adjustments).
- Anticipate terrain changes and shift proactively.



  
**Schalthebel**  
sehr leichte Bedienung  
optische Ganganzeige

  
**Gerade Kettenlinie**  
kein Abspringen der Kette  
weniger Verschleiß

  
**Kettenschaltung**  
kaum Wartung notwendig  
feine Abstufung für viele Terrains

*Image 4: A rider on the ZÜNDAPP XFS Ebike, demonstrating the ergonomic shifter placement and the efficient chainline for smooth gear changes.*

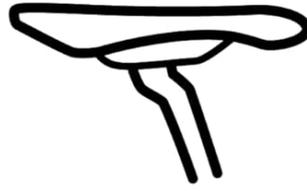
### 3.3 Braking (Mechanical Disc Brakes)

The mechanical disc brakes provide reliable stopping power in various conditions.

- The right lever controls the rear brake, and the left lever controls the front brake.
- Apply both brakes simultaneously for controlled stopping.
- Avoid sudden, hard braking with the front brake, especially on loose surfaces, to prevent skidding.



**Scheibenbremse**  
präziser Stopp



**MTB Sattel**  
dynamischer Sitz



**Federgabel**  
Stoßdämpfung



*Image 5: Detailed view of key components including the precise disc brake system, dynamic MTB saddle, and the shock-absorbing suspension fork.*

### 3.4 Suspension System

The ZÜNDAPP XFS Ebike features a full suspension system with an 80mm travel suspension fork and a 35mm travel frame shock absorber, designed for comfort and control on varied terrain.

- The suspension helps absorb bumps and impacts, improving traction and rider comfort.
- Consult a bike mechanic for advanced suspension adjustments if needed.



Image 6: A rider navigating terrain on the ZÜNDAPP XFS Ebike, illustrating the sporty riding position, central battery placement for balance, knobby tire profile for grip, and lightweight aluminum frame.

## 4. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your ebike.

- **Cleaning:** Clean your ebike regularly with mild soap and water. Avoid high-pressure washers directly on electrical components.
- **Chain Lubrication:** Lubricate the chain every 100-200 km or after riding in wet conditions.
- **Brake Check:** Regularly inspect brake pads for wear and ensure brake levers have proper tension and feel.
- **Tire Pressure:** Check tire pressure before each ride.
- **Bolt Tightness:** Periodically check all bolts and fasteners for proper tightness, especially on the stem, handlebars, seat post, and wheels.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge it to 50-70% every few months.

- **Professional Service:** It is recommended to have your ebike professionally serviced at least once a year.

## 5. TROUBLESHOOTING

This section addresses common issues you might encounter with your ZÜNDAPP XFS Ebike.

Problem	Possible Cause	Solution
Motor not assisting	Battery low or off; assist level set to zero; loose connection.	Check battery charge and power; increase assist level; inspect cable connections.
Battery not charging	Charger not connected properly; faulty charger or battery.	Ensure secure connection; try a different outlet; contact support if issue persists.
Gears skipping or not shifting smoothly	Derailleur out of adjustment; bent hanger; worn chain.	Adjust derailleur cables; inspect for bent components; consider professional adjustment.
Brakes squealing or weak	Contaminated pads/rotors; worn pads; cable tension.	Clean rotors/pads; replace worn pads; adjust cable tension.

For issues not listed here or if solutions do not resolve the problem, please contact ZÜNDAPP customer support or a certified bicycle mechanic.

## 6. SPECIFICATIONS

Key technical specifications for the ZÜNDAPP XFS Ebike.

<b>Brand</b>	ZÜNDAPP
<b>Model</b>	XFS Ebike
<b>Type</b>	Electric Mountain Bike (Full Suspension)
<b>Wheel Size</b>	27.5 Inches
<b>Frame Size</b>	48 cm
<b>Recommended Rider Height</b>	170-190 cm
<b>Frame Material</b>	Aluminum
<b>Suspension</b>	Full Suspension (80mm front fork, 35mm rear shock)
<b>Motor</b>	Rear Hub Motor
<b>Battery</b>	504 Wh Lithium Battery
<b>Range</b>	35 - 150 km (depending on conditions)
<b>Gears</b>	27-Speed Shimano Tourney
<b>Brakes</b>	Mechanical Disc Brakes
<b>Included Components</b>	Reflectors, Bell, Charger, User Manual, Folding Lock
<b>Approx. Weight</b>	24.7 kg (packaged dimensions: 188 x 117 x 21 cm)
<b>ASIN</b>	B0CYCGTSRT

# Inklusive Faltschloss

Länge: 85 cm

werkzeuglose Befestigung

6 robuste Stahlglieder



Image 7: The ZÜNDAPP XFS Ebike shown with the included 85 cm folding lock, featuring tool-free attachment and robust steel links.

## 7. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official ZÜNDAPP website. For technical support, spare parts, or any questions regarding your ebike, please contact ZÜNDAPP customer service directly. Ensure you have your purchase receipt and the ebike's serial number available when contacting support.

