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› ZÜNDAPP Ebike Z810 Electric Trekking Bike User Manual

## ZÜNDAPP Z810

# ZÜNDAPP Ebike Z810 Electric Trekking Bike User Manual

Model: Z810

Brand: ZÜNDAPP

## INTRODUCTION

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Welcome to the ZÜNDAPP Ebike Z810 Electric Trekking Bike user manual. This guide provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride and keep it for future reference.

The Zündapp Z810 electric bike makes exploring new paths a unique experience. This durable 28-inch Pedelec impresses with its pleasant and light handling, strong propulsion, and extensive features.

## SAFETY INFORMATION

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Always wear a helmet when riding. Ensure all components are correctly assembled and tightened before each ride. Familiarize yourself with local traffic laws and regulations for electric bicycles. Do not operate the e-bike under the influence of alcohol or drugs. Regular maintenance is crucial for safe operation.

## PRODUCT OVERVIEW

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# Bis 125 km Reichweite mit einer Akku-Ladung\*



\*Variiert je nach Zuladung, Fahrweise, Witterung und Topographie. Reichweite mindestens 30 km.

Image: The ZÜNDAPP Ebike Z810 Electric Trekking Bike, showcasing its full profile with a grey frame, 28-inch wheels, and integrated components.

The ZÜNDAPP Ebike Z810 is a sporty electric trekking bike designed for both daily city commutes and extended excursions. It offers a comfortable riding experience with its suspension fork and robust construction.

## Key Features:

- **Powerful Rear-Wheel Motor:** Provides assistance up to 25 km/h.
- **Long-Lasting Battery:** 418 Wh battery capacity for a range of 30 to 125 km.
- **24-Speed Gearing:** Robust components make climbing hills effortless.
- **Hydraulic Disc Brakes:** Ensures precise and powerful stopping performance.
- **Comfort Features:** Suspension fork for a smooth ride.
- **Integrated Accessories:** Includes front and rear lights, luggage rack, mudguards, side stand, and chain guard.

## SETUP AND INITIAL ASSEMBLY

Your ZÜNDAPP Ebike Z810 is delivered approximately 98% pre-assembled. The remaining steps involve minor

assembly and adjustments to ensure a safe and comfortable fit.

## Unpacking and Inspection:

1. Carefully remove the bike from its packaging.
2. Inspect all components for any signs of damage during transit. Contact customer support immediately if you find any issues.

## Handlebar Adjustment:

The handlebar height is 108 cm. The adjustable stem allows for customization of the handlebar position for optimal comfort.



**Sitzposition**  
aufrecht



**Unterrohr-Akku**  
Bike-Schwerpunkt mittig  
verbesserte Balance



**Verstellbarer Vorbau**  
Lenkerposition  
anpassbar



**Beleuchtung StVZO**

Image: A rider on the ZÜNDAPP Ebike Z810, illustrating key ergonomic features. The image points out the upright seating position, the downtube-integrated battery for a central center of gravity and improved balance, the adjustable stem for customizable handlebar position, and StVZO-compliant lighting.

## Saddle Height Adjustment:

The saddle height can be adjusted between 94 cm and 104 cm. Ensure the saddle is at a height that allows your leg to be slightly bent when the pedal is at its lowest point.

## **Pedal Installation:**

Install the pedals according to the instructions provided in the separate assembly guide (if applicable). Note that pedals are often marked 'L' for left and 'R' for right and thread in opposite directions.

## **Tire Inflation:**

Inflate tires to the recommended pressure indicated on the tire sidewall.

## **Battery Charging:**

Fully charge the battery before your first ride. Refer to the 'Operating' section for detailed charging instructions.

## **Pre-Ride Check:**

Before each ride, perform a quick check:

- Check tire pressure.
- Verify brake functionality (front and rear).
- Ensure quick releases (if any) are securely fastened.
- Check that lights are working.

The trekking bike has an entry height of 79 cm. We recommend this electric bike for men and women between 160 and 185 cm tall.



**ZÜNDAPP**

Fahrräder für Alle



Image: An infographic detailing the ZÜNDAPP Ebike Z810's suitability. It indicates a recommended body height range of 160-185 cm, a wheel size of 28 inches, and the bike's 24-speed gear system.

## OPERATING YOUR ZÜNDAPP EBIKE Z810

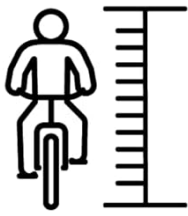
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### Powering On/Off:

Locate the power button on the LED display. Press and hold to turn the e-bike system on or off.

### Assistance Levels:

Use the controls on the LED display to select your desired level of pedal assistance. Higher levels provide more motor support but consume battery faster.



**Körpergröße**  
160-185cm



**Radgröße**  
28 Zoll



**Gänge**  
24



Image: A ZÜNDAPP Ebike Z810 being ridden through a park, demonstrating its impressive range. The image highlights that the bike can achieve up to 125 km on a single battery charge, with a minimum range of 30 km, noting that actual range varies depending on load, riding style, weather, and topography.

### **Gear Shifting:**

The e-bike is equipped with a 24-speed gear system. Use the trigger controls to shift gears smoothly. Shift to a lower gear when climbing hills and a higher gear on flat terrain for efficient pedaling.



**Schalthebel**  
sehr leichte Bedienung  
optische Ganganzeige



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



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

Image: A rider on the ZÜNDAPP Ebike Z810, showcasing the bike's drivetrain features. The image emphasizes the very easy-to-use shifter with an optical gear display, a straight chainline that prevents chain jumping and reduces wear, and a low-maintenance gear shifting system with fine gradations suitable for many terrains.

### **Braking:**

The Z810 features powerful hydraulic disc brakes for reliable stopping power. Apply both brakes gently and evenly to slow down or stop. Avoid sudden, hard braking, especially at high speeds.



**Scheibenbremse**  
präziser Stopp



**Gepäckträger**  
mit Federklappe



**Federgabel**  
Stoßdämpfung



Image: A detailed view of the ZÜNDAPP Ebike Z810's front components. It highlights the hydraulic disc brake, designed for precise stopping, the luggage rack equipped with a spring flap, and the suspension fork, which provides effective shock absorption for a smoother ride.

### **Battery Usage and Range:**

The 418 Wh battery provides a range of 30 to 125 km. Actual range depends on factors such as terrain, rider weight, assistance level, and weather conditions. The powerful rear-wheel hub motor is energy-efficient and ideal for both hilly and flat routes.



**Radnabenmotor  
am Hinterrad**



**Perfekt für  
hügelige & ebene Strecken**



**Besonders  
energieeffizient**



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Image: A close-up of the ZÜNDAPP Ebike Z810's rear wheel, featuring the hub motor. The image describes the motor as perfect for both hilly and flat routes and emphasizes its energy-efficient design.

### **Folding Lock:**

The bike includes an 85 cm folding lock with tool-free attachment and 6 robust steel links for security.

# Inklusive Faltschloss

Länge: 85 cm

werkzeuglose Befestigung

6 robuste Stahlglieder



Image: A detailed view of the included folding lock for the ZÜNDAPP Ebike Z810. It highlights the lock's 85 cm length, its tool-free attachment mechanism, and its construction with 6 robust steel links, shown alongside its keys.

## MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ZÜNDAPP Ebike Z810.

### Battery Care:

- Charge the battery regularly, even if not in use, to maintain its health.
- Store the battery in a cool, dry place.
- Avoid fully discharging the battery frequently.

### Brakes:

- Check brake pads for wear regularly and replace them when necessary.
- Ensure brake levers are firm and responsive. If they feel spongy, the hydraulic system may need bleeding by a professional.

## Tires:

- Check tire pressure before each ride.
- Inspect tires for cuts, punctures, or excessive wear.

## Chain and Drivetrain:

- Keep the chain clean and lubricated.
- Check for chain wear and tension.
- Ensure gears shift smoothly. Adjustments may be needed periodically.

## General Inspection:

- Periodically check all bolts and fasteners for tightness.
- Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.

## TROUBLESHOOTING

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This section addresses common issues you might encounter with your ZÜNDAPP Ebike Z810.

### No Power/Motor Assistance:

- **Check Battery:** Ensure the battery is fully charged and properly seated.
- **Check Display:** Make sure the LED display is turned on.
- **Check Connections:** Inspect all visible electrical connections for looseness or damage.

### Poor Braking Performance:

- **Brake Pads:** Check if brake pads are worn and need replacement.
- **Brake Levers:** If levers feel soft or spongy, the hydraulic system might need bleeding. Consult a bike mechanic.

### Difficulty Shifting Gears:

- **Cable Tension:** Gear cables might need adjustment.
- **Derailleur Alignment:** The derailleur might be out of alignment.
- **Chain Condition:** A dirty or worn chain can affect shifting. Clean and lubricate or replace the chain.

### Unusual Noises:

- **Loose Components:** Check for any loose bolts, spokes, or other parts.
- **Brakes:** Disc brakes can sometimes squeal; ensure they are clean and properly aligned.

For issues not covered here or if you are unsure, please contact ZÜNDAPP customer support or a certified bicycle mechanic.

## SPECIFICATIONS

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Feature	Detail
Model Name	Z810
Brand	ZÜNDAPP

Bike Type	Ebike, Trekking Bike
Frame Material	Aluminum
Wheel Size	28 Inches
Number of Speeds	24
Brake Type	Hydraulic Disc
Suspension Type	Fork Suspension
Motor Type	Rear Hub Drive
Battery Type	Lithium-ion (included)
Battery Capacity	417.6 Watt-hours
Estimated Range	30 - 125 km
Recommended User Height	160 - 185 cm
Item Weight	26.5 Kilograms
Included Components	Reflectors, Bell, Side Stand, Lighting, Mudguards, Chain Guard, Charger, User Manual, Folding Lock

## WARRANTY AND SUPPORT

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### Warranty Information:

Your ZÜNDAPP Ebike Z810 comes with a **Limited Warranty**. Please refer to the warranty card included with your purchase for specific terms, conditions, and duration. Keep your proof of purchase for any warranty claims.

### Customer Support:

For technical assistance, spare parts, or any questions regarding your e-bike, please contact ZÜNDAPP customer support. You can find contact information on the ZÜNDAPP website or in the documentation provided with your product.

### General Information:

- Zündapp products are designed to meet various needs, from beginners to advanced users.
- Zündapp offers a range of e-bike models to suit different budgets, from everyday bikes to sporty e-fully models.
- Electric bikes are shipped 98% pre-assembled by carrier.