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ZÜNDAPP Green 7.7 E-Bike User Manual

Model: Green 7.7 | Brand: ZÜNDAPP

1. INTRODUCTION

The ZÜNDAPP Green 7.7 E-Bike is a comfortable trekking electric bicycle designed for commuting and leisure trips. It features a robust trapezoidal frame, 28-inch wheels, and a powerful electric motor to assist your rides. This manual provides essential information for the safe and efficient use, maintenance, and troubleshooting of your new e-bike.



This image shows the ZÜNDAPP Green 7.7 E-Bike from a front-left angle. The bicycle features a grey and blue trapezoidal frame, 28-inch wheels, and is equipped with a rear rack, front and rear lights, and mudguards. The handlebars are visible with the display and brake levers.

2. SETUP AND ASSEMBLY

Your ZÜNDAPP Green 7.7 E-Bike is delivered 98% pre-assembled. Minor assembly steps are required before your first ride. Please ensure all components are securely fastened and adjusted according to your comfort and safety.

2.1 Included Components

Please verify that all the following components are included in your package:

- Reflectors
- Bell
- Kickstand
- Mudguards
- Chain Guard
- Luggage Rack
- Operating Manual
- Charger

2.2 Initial Steps

1. **Handlebar Adjustment:** Adjust the handlebar height (up to 108 cm) and angle for a comfortable riding position. Ensure all bolts are tightened securely.
2. **Saddle Adjustment:** Adjust the saddle height (89 to 100 cm) to allow for a slight bend in your knee when the pedal is at its lowest point. Secure the quick-release lever.
3. **Pedal Installation:** Attach the pedals, ensuring they are screwed in tightly. Note that pedals are often left and right specific.
4. **Tire Inflation:** Inflate tires to the recommended pressure indicated on the tire sidewall.
5. **Battery Charging:** Fully charge the e-bike battery before the first use. Refer to the 'Operating Instructions' section for details on battery handling.
6. **Brake Check:** Test both front and rear brakes to ensure they are functioning correctly and provide adequate stopping power.



A detailed view of the ZÜNDAPP Green 7.7 E-Bike's handlebar. It shows the ergonomic grip, the gear shifter, and the LED display unit which provides information on battery level and assist mode.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

To power on the e-bike system, press and hold the power button on the LED display unit located on the handlebar. The display will light up, indicating the system is active. To power off, press and hold the same button until the display turns off.

3.2 Electric Assist Modes

The ZÜNDAPP Green 7.7 features multiple electric assist modes to provide varying levels of motor support.

Use the '+' and '-' buttons on the display unit to cycle through the assist levels (e.g., Eco, Normal, Sport). Higher assist levels provide more power but consume battery faster. The motor provides powerful support with 250 W output.

3.3 Gear Shifting

This e-bike is equipped with a 21-speed gear system, allowing you to adapt to various terrains and riding conditions. Use the shifters on the handlebar to change gears. Shift gears smoothly and avoid shifting under heavy load to prolong the lifespan of the drivetrain components.

3.4 Braking

The ZÜNDAPP Green 7.7 uses V-brakes for reliable stopping power. Always apply both front and rear brakes simultaneously for effective and safe braking. Practice braking in a safe area to familiarize yourself with the bike's stopping characteristics.

4. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your e-bike. Perform these checks periodically:

- **Tires:** Check tire pressure before each ride. Inspect tires for wear, cuts, or embedded objects.
- **Brakes:** Ensure brake levers are firm and responsive. Check brake pads for wear and replace if necessary.
- **Chain:** Keep the chain clean and lubricated. This reduces wear and ensures smooth gear changes.
- **Battery:** Store the battery in a cool, dry place. Avoid fully discharging the battery frequently. Charge regularly, even if not in use, to maintain battery health. The 374 Wh battery provides a range between 30 and 115 km depending on usage.
- **Bolts and Fasteners:** Periodically check all bolts and fasteners for tightness, especially on the handlebars, seat post, and wheels.
- **Cleaning:** Clean your e-bike regularly with a damp cloth and mild soap. Avoid high-pressure washing, especially near electrical components.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your ZÜNDAPP Green 7.7 E-Bike.

Problem	Possible Cause	Solution
Motor not assisting	Battery low or depleted; System not powered on; Loose connection.	Charge battery; Power on the system; Check all cable connections.
Short battery range	High assist mode used; Frequent stops/starts; Low tire pressure; Battery degradation.	Use lower assist modes; Maintain consistent speed; Inflate tires to recommended pressure; Consult service for battery check.

Problem	Possible Cause	Solution
Gears not shifting smoothly	Dirty or unlubricated chain; Derailleur out of adjustment; Damaged shifter cable.	Clean and lubricate chain; Adjust derailleur (refer to a bicycle repair guide or professional); Replace shifter cable.
Brakes squealing or ineffective	Dirty brake pads/rims; Worn brake pads; Misaligned brake calipers.	Clean brake pads and rim surfaces; Replace worn brake pads; Adjust brake calipers.

6. SPECIFICATIONS

Key technical specifications for the ZÜNDAPP Green 7.7 E-Bike:

Feature	Specification
Model	Green 7.7
Bicycle Type	Trekking Bicycle
Frame Size	48 cm
Wheel Size	28 Inch
Frame Material	Aluminum
Color	Grey/Blue
Motor Power	250 W
Battery Capacity	374 Wh (Lithium-Ion)
Range	30 - 115 km (depending on usage)
Gear System	21-Speed
Brake Type	Rim Brake (V-Brakes)
Suspension	Fork Suspension
Display Type	LED
Recommended Height	155 - 185 cm
Weight	Approx. 28 kg (packaged)

7. WARRANTY AND SUPPORT

ZÜNDAPP products are designed for reliability and performance. For information regarding your product's warranty, please refer to the warranty card included with your purchase or visit the official ZÜNDAPP website. For technical support, spare parts, or service inquiries, please contact ZÜNDAPP customer service through the contact information provided in your purchase documentation or on the brand's official channels.

This product is from a small or medium-sized enterprise from Germany, Austria, or Switzerland that sells its brand on Amazon.

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