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› HITWAY BK3S Electric Bicycle User Manual - 26x3.0 inch E-Bike, 250W, 48V/15Ah

HITWAY BK3S

HITWAY BK3S Electric Bicycle User Manual

Model: BK3S | Brand: HITWAY

1. INTRODUCTION

Thank you for choosing the HITWAY BK3S Electric Bicycle. This manual provides essential information for the safe assembly, operation, and maintenance of your e-bike. Please read this manual thoroughly before your first ride to ensure optimal performance and safety. Keep this manual for future reference.



Figure 1: The HITWAY BK3S Electric Bicycle, showcasing its robust design and integrated battery.

2. SAFETY INSTRUCTIONS

Your safety is paramount. Always adhere to local traffic laws and regulations.

- Always wear a helmet and appropriate safety gear when riding.
- Perform a pre-ride inspection: check tire pressure, brakes, lights, and battery level.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and other road users.
- Avoid riding in adverse weather conditions (heavy rain, snow, ice).
- Ensure the battery is securely locked before riding.
- Do not modify the e-bike's electrical system or motor.
- Maximum load capacity is 120 kg. Do not exceed this limit.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and undamaged.

- HITWAY Electric Bicycle (main unit)
- Instruction Manuals (this document)
- Battery Charger
- Pump
- Locks

4. SETUP AND ASSEMBLY

Your HITWAY BK3S electric bicycle comes partially assembled. Follow these steps to complete the assembly.

1. **Unpacking:** Carefully remove the bicycle and all components from the packaging. Retain packaging for potential future transport or returns.
2. **Handlebar Installation:** Attach the handlebar to the stem, ensuring it is centered and tightened securely. Adjust the angle for comfortable riding.
3. **Pedal Attachment:** Identify the left (L) and right (R) pedals. Screw the left pedal counter-clockwise and the right pedal clockwise into their respective crank arms. Tighten firmly with a wrench.
4. **Front Wheel Installation:** If the front wheel is not pre-installed, attach it to the front fork, ensuring the disc brake rotor aligns correctly with the caliper. Secure the quick-release skewer or axle nuts.
5. **Seat Post Adjustment:** Insert the seat post into the frame and adjust the height to a comfortable riding position. Secure it with the quick-release lever or bolt.
6. **Battery Installation/Check:** Ensure the 48V 15Ah battery is correctly inserted into its integrated holder and locked with the key.
7. **Tire Inflation:** Inflate both tires to the recommended pressure indicated on the tire sidewall using the provided pump.
8. **Brake Check:** Test both front and rear brakes to ensure they are functioning correctly and provide adequate stopping power. Adjust if necessary.
9. **Light Check:** Verify that the front and rear lights are operational.



Figure 2: Front wheel assembly showing the disc brake system. Ensure proper alignment and secure fastening during setup.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and riding modes of your HITWAY BK3S e-bike.

5.1 Powering On/Off

- To power on, press and hold the power button on the LCD display.
- To power off, press and hold the power button again until the display turns off.

5.2 LCD Display Functions

The multifunction LCD display provides real-time information:

- **Speed:** Current riding speed.
- **Mileage:** Total distance traveled or trip distance.
- **Assist Level:** Indicates the current level of pedal assistance (0-5, or similar).
- **Battery Level:** Shows the remaining battery charge.

5.3 Riding Modes

Your e-bike offers two primary riding modes:

- **Normal Riding Mode:** Pedal the bicycle like a traditional bike without motor assistance. The 7-speed gearbox allows for efficient pedaling.
- **Assisted Riding Mode:** The electric motor provides assistance as you pedal. Use the controls on the handlebar to adjust the assist level according to your preference and terrain.

5.4 Gear Shifting

The 7-speed transmission allows you to select appropriate gears for different riding conditions. Shift gears smoothly while pedaling to avoid strain on the drivetrain.

5.5 Braking

The e-bike is equipped with dual 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.



Figure 3: Rear wheel assembly showing the motor hub and 7-speed derailleur system.

6. MAINTENANCE

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

- **Cleaning:** Clean the bicycle regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tires:** Check tire pressure before each ride. Inspect tires for wear, cuts, or punctures.
- **Brakes:** Regularly check brake pads for wear and ensure brake levers have proper tension. Adjust or replace as needed.
- **Chain:** Keep the chain clean and lubricated for smooth gear changes and to prevent rust.
- **Battery Care:**
 - Charge the battery fully before the first use.
 - Do not allow the battery to fully discharge.
 - Charge the battery in a well-ventilated area.
 - If storing the bike for an extended period, charge the battery to 50-70% and recharge every 2-3 months.
 - Protect the battery from extreme temperatures (-10°C to 45°C operating range).

- **Fasteners:** Periodically check all bolts, nuts, and quick-release levers for tightness.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your e-bike.

Problem	Possible Cause	Solution
E-bike does not power on.	Battery discharged, battery not properly connected, power button not pressed correctly.	Charge the battery, ensure battery is securely inserted and locked, press and hold the power button firmly.
Motor not assisting.	Assist level set to 0, battery low, sensor issue.	Increase assist level on the display, charge the battery, check for loose sensor cables.
Brakes feel weak.	Worn brake pads, loose brake cable, air in hydraulic system (if applicable).	Inspect and replace brake pads, adjust brake cable tension, consult a professional for hydraulic brake issues.
Unusual noises during riding.	Loose components, dry chain, misaligned gears.	Check all fasteners, lubricate the chain, adjust gear derailleur.

If you encounter issues not listed here or cannot resolve a problem, please contact HITWAY customer support.

8. SPECIFICATIONS

Feature	Detail
Model	BK3S
Material	Carbon Steel Frame
Dimensions (L x W x H)	1870 x 630 x 1100 mm
Wheel Size	26 inches
Tires	26 x 3.0 inch
Net Weight	30 kg
Gross Weight	37.5 kg
Load Capacity	Up to 120 kg
Max Speed	25 km/h
Range	55 - 120 km (depending on load, temperature, road conditions, riding mode)
Max Climbing Angle	25 degrees
Operating Temperature	-10°C to 45°C
Water Resistance	IP54
Battery Capacity	15 Ah

Feature	Detail
Battery Voltage	48 V
Motor Power	250 W
Transmission	7-speed gearbox
Brake Type	Disc Brakes
Suspension	Front Fork Suspension

9. WARRANTY AND SUPPORT

HITWAY products come with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions, including warranty duration and coverage details.

For technical support, spare parts, or warranty claims, please contact HITWAY customer service through the official website or the contact information provided with your purchase. When contacting support, please have your model number (BK3S) and purchase date ready.

Online Resources: For additional resources, FAQs, and video tutorials, visit the official HITWAY website.