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QNUT BK20-1500W 18A

QNUT BK20-1500W 18A Electric Bike User Manual

Model: BK20-1500W 18A

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and care of your QNUT BK20-1500W 18A Electric Bike. Please read this manual thoroughly before your first ride and keep it for future reference.



Image 1: The QNUT BK20-1500W 18A Electric Bike, showcasing its retro motorcycle-inspired design with fat tires and a comfortable seat.

2. Safety Information

Always wear a helmet and appropriate safety gear when riding. Ensure all components are securely fastened before each use. Be aware of your surroundings and adhere to local traffic laws. The bike is equipped with a comprehensive lighting system for enhanced visibility.

- **Lighting System:** Features LED headlights, sequential turn signals, and a rear brake light for increased visibility, especially in low-light conditions.
- **Anti-Theft Features:** Includes anti-theft lock keys and an additional flexible five-digit lock for security when parked.

3. Setup and Assembly

Your QNUT Electric Bike comes mostly pre-assembled. Minor assembly is required, typically involving attaching the front wheel, handlebars, pedals, and adjusting the seat. Refer to the included user manual for detailed step-by-step

instructions.



Image 2: All components of the QNUT BK20-1500W 18A Electric Bike laid out, including the main frame, front wheel, handlebars, pedals, charger, and user manual.

4. Operating Instructions

4.1 Powering On/Off

- Insert the key into the ignition and turn it to the 'ON' position.
- Press and hold the power button on the display unit to activate the system.
- To power off, reverse these steps.

4.2 Using the Smart LCD Display

The 5.4-inch high-resolution color LCD screen provides real-time data including speed, battery level, gear selection, and mileage. Use the controls on the handlebars to navigate display options and adjust settings like lighting modes.



Image 3: Close-up of the 5.4-inch high-resolution smart LCD display on the QNUT BK20-1500W 18A Electric Bike, showing speed, battery level, and other ride data.

4.3 Riding Modes and Gear Shifting

The bike offers three riding modes: pure electric, pedal assist, and standard pedal. Use the controls to switch between modes. The 7-speed Shimano gear system allows for smooth and precise shifting to adapt to various terrains and riding preferences.



Image 4: Detailed view of the 1500W peak motor integrated into the rear wheel of the QNUT BK20-1500W 18A Electric Bike.

4.4 Braking

The bike is equipped with disc brakes for reliable stopping power. Apply both front and rear brakes smoothly and evenly for optimal control.

4.5 Lighting and Signals

Activate the LED headlight for night riding. Use the sequential turn signals to indicate your direction to other road users. The rear brake light illuminates when brakes are applied.



Image 5: The upgraded LED lighting system of the QNUT BK20-1500W 18A Electric Bike, highlighting the bright headlight and sequential rear turn signals.

4.6 Riding Experience

The QNUT BK20-1500W 18A Electric Bike is designed for various terrains, including city roads, mountain roads, snow, and sand, thanks to its 20"x4.0" fat tires and dual suspension system.



Image 6: The 20"x4.0" fat tires of the QNUT BK20-1500W 18A Electric Bike, designed for strong grip and stability across diverse terrains.

Video 1: Official QNUT Electric Bike BK20 Motorcycle video, demonstrating its features and performance in various riding conditions.

5. Battery Management

The QNUT BK20-1500W 18A is powered by a 48V 18Ah removable lithium battery, offering a range of 60-90 miles in pedal-assist mode. Charging time is approximately 3-6 hours.

5.1 Charging the Battery

- The battery can be charged while installed on the bike or removed for indoor charging.
- To remove the battery, unlock it with the provided key and slide it out.
- Connect the charger to the battery and then to a power outlet. The indicator light on the charger will show charging status.
- Disconnect the charger once charging is complete.



Image 7: The 48V 18Ah removable lithium battery of the QNUT BK20-1500W 18A Electric Bike, highlighting its capacity and easy removal for charging.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your electric bike.

- **Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tires:** Check tire pressure before each ride. Recommended pressure is typically indicated on the tire sidewall.
- **Brakes:** Inspect brake pads and rotors for wear. Ensure brake levers operate smoothly and provide adequate stopping power.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- **Suspension:** Periodically check the front fork and rear suspension for proper function and adjust as needed.
- **Fasteners:** Regularly check all bolts and nuts for tightness.

7. Troubleshooting

If you encounter issues with your QNUT Electric Bike, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged, battery not properly installed, power button not pressed.	Charge battery, ensure battery is securely installed, press and hold power button.
Motor not engaging	Low battery, incorrect riding mode, loose motor connection.	Check battery level, select appropriate riding mode, inspect motor connections.
Display showing error codes	Sensor malfunction, controller issue.	Refer to the detailed error code section in the full user manual or contact support.
Brakes feel weak	Worn brake pads, loose brake cable, air in hydraulic system (if applicable).	Inspect/replace brake pads, adjust brake cable tension, consult a professional for hydraulic systems.

8. Specifications

Feature	Detail
Bike Type	Electric Bike
Age Range	Adult
Motor	1500W Peak Motor
Max Speed	28 MPH
Battery	48V 18Ah Removable Lithium Battery (864 Watt Hours)
Range (Pedal-Assist)	60-90 Miles
Charging Time	Approx. 3-6 hours
Transmission	7-Speed (Shimano)
Wheel Size	20 Inches
Tire Width	4 Inches (Fat Tires)
Frame Material	Carbon Steel
Suspension Type	Dual (Front Fork and Rear)
Display	5.4-inch High-Resolution LCD
Brake Style	Disc
Max Weight Recommendation	330 Pounds
Recommended Rider Height	5.6-6.4 Feet

9. Warranty and Support

Your QNUT Electric Bike is backed by a 1-year limited warranty. For any questions, technical assistance, or warranty claims, please contact our dedicated customer service team.

- **Warranty Period:** 1 Year
- **Support:** 24/7 Customer Service
- **Email Support:** support@qnutbike.com



Image 8: QNUT customer support information, highlighting the 12-month official warranty and email support contact.

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