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› Qlaway 20-Inch 750W Electric Dirt Bike User Manual

Qlaway BK20

Qlaway 20-Inch 750W Electric Dirt Bike User Manual

Model: BK20 | Brand: Qlaway

1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your Qlaway 20-Inch 750W Electric Dirt Bike. Please read this manual thoroughly before operating the bike to ensure proper use and to prevent damage or injury.



Image 1.1: The Qlaway 20-Inch 750W Electric Dirt Bike.

2. SAFETY INFORMATION

Operating an electric dirt bike requires adherence to safety guidelines. Failure to follow these instructions may result in serious injury or property damage.

- Always wear a helmet and appropriate safety gear (gloves, eye protection, sturdy footwear) when riding.
- Familiarize yourself with local traffic laws and regulations regarding electric bikes.
- Perform a pre-ride inspection before each use, checking brakes, tire pressure, and battery charge.
- Do not exceed the maximum weight recommendation of 330 pounds (150 kg).

- Avoid riding in adverse weather conditions or on excessively slippery surfaces.
- Ensure the battery is securely locked in place before riding.
- Do not modify the bike's electrical system or components.

3. PACKAGE CONTENTS

Upon unpacking, verify that all components are present:

- Qlaway Electric Dirt Bike (90% pre-assembled)
- Battery (48V 18AH)
- Battery Charger
- User Manual (this document)
- Tool Kit
- Backseat
- Lock

4. ASSEMBLY INSTRUCTIONS

Your Qlaway Electric Dirt Bike arrives approximately 90% pre-assembled. The remaining assembly typically involves attaching the handlebars, front wheel, pedals, and potentially the backseat. A basic tool kit is included for this purpose.

4.1 Initial Steps

1. Carefully remove the bike and all components from the packaging.
2. Inspect the bike for any visible damage that may have occurred during shipping.
3. Refer to the included pictorial guide (if available) for specific steps on attaching the handlebars, front wheel, and pedals.
4. Ensure all bolts and quick-release levers are securely tightened before riding.

4.2 Specific Component Assembly

Some components, such as the passenger pegs, rear light, and kickstand, may require user installation. If you encounter difficulties, consult the manufacturer's support resources or a professional bicycle technician.

5. OPERATING YOUR ELECTRIC DIRT BIKE

Understanding the controls and features of your Qlaway Electric Dirt Bike is essential for a safe and enjoyable ride.

5.1 Controls Overview

Multi functional operation



Image 5.1: Handlebar controls including LCD display, throttle, and switches.

- **LCD Big Display:** Shows speed, battery level, mileage, and current speed level.
- **Start Button / Speed +/-:** Used to power on/off and adjust speed levels.
- **Throttle:** Provides electric power without pedaling.
- **Derailleur Shifter:** Changes the 7-speed gears for mechanical pedaling.
- **Front/Rear Brake Levers:** Activates the disc braking system.
- **Horn:** For alerting others.
- **Turn Light Control:** Activates integrated turn signals.
- **Headlight Switch:** Controls the bright LED headlight.
- **Phone Holder:** Integrated for convenience.

5.2 Powering On and Riding Modes

To power on the bike, press the Start Button. The LCD display will illuminate. The bike offers two primary riding modes:

- **Pedal Assist Mode:** The motor provides assistance as you pedal. There are 5 adjustable speed levels, ranging from

6 mph to 31 mph. These levels can be customized via a dedicated mobile application.

- **Throttle Mode:** Use the throttle to engage the motor without pedaling.

5.3 Cruise Control

The bike features a smart cruise control function. To activate, maintain a steady speed for 8 seconds. The cruise control will engage, allowing the bike to maintain its speed without continuous throttle input. Any acceleration or braking action will deactivate this function.

5.4 Motor and Performance



Image 5.2: Depiction of the powerful motor and performance metrics.

The Qlaway Electric Dirt Bike is equipped with a 750W motor, capable of reaching a peak power of 1500W. This motor provides a top speed of 31 MPH and can climb slopes up to 30 degrees with 80 Nm of torque. The 7-speed gear system, combined with a quality derailleur, ensures smooth transitions and efficient riding across various terrains.

5.5 Suspension and Tires

FOUR SHOCK ABSORBERS FRONT AND REAR



Image 5.3: Front and rear shock absorbers for full suspension.

The bike features a full suspension system with four shock absorbers, both front and rear. This design effectively reduces vibrations and enhances riding comfort on diverse surfaces. The 20-inch by 4.0-inch fat tires provide improved grip and stability, making the bike suitable for urban roads, mountain trails, snowy conditions, and sandy beaches.



Image 5.4: The 20"x4.0" fat tires are designed for various road conditions.

5.6 Lighting System

BRIGHT LED HEADLIGHTS



Image 5.5: Bright LED headlight and integrated tail/brake light with turn signals.

The bike is equipped with a bright LED headlight for enhanced visibility during night rides. A rear brake light and integrated turn signals improve safety by alerting other vehicles and pedestrians to your presence and intended movements.

6. BATTERY MANAGEMENT

Proper battery care ensures optimal performance and longevity.

6.1 Charging the Battery

37 MILES RANGE OF ELECTRIC MODE 50 MILES RANGE OF ASSIST MODE

48V/18Ah
Capacity

6 HOURS
Charging time

BMS
Intelligent System



Image 6.1: The removable battery being charged.

- The 48V 18AH battery provides a range of 40-70 miles per charge.
- Charging time is approximately 6 hours.
- The battery is removable, allowing for convenient charging indoors or outdoors.
- The battery features a BMS (Battery Management System) for intelligent protection and is IPX4 waterproof.

6.2 Battery Care

- Avoid fully discharging the battery regularly.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Charge the battery at least once every two months if not in regular use.

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric dirt bike.

- **Tires:** Check tire pressure before each ride. Maintain recommended pressure for optimal performance and safety.
- **Brakes:** Regularly inspect brake pads and discs for wear. Ensure brake levers operate smoothly and provide adequate stopping power. Adjust or replace components as needed.
- **Chain:** Keep the chain clean and lubricated to prevent rust and ensure smooth gear changes.
- **Fasteners:** Periodically check all bolts, nuts, and quick-release mechanisms for tightness.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure washers directly on electrical components.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your electric dirt bike.

- **Bike Not Powering On:** Check if the battery is fully charged and properly seated. Ensure the main power switch is in the 'ON' position.
- **Motor Not Engaging:** Verify that the throttle is functioning correctly and that the pedal assist level is set. Check for any error codes on the LCD display.
- **Reduced Range:** This could indicate a partially charged battery, riding in high-power modes frequently, or riding against strong headwinds.
- **Brakes Squealing:** This may be due to dirty brake pads or discs. Clean them or consider replacement if wear is significant.
- **Unusual Noises:** Investigate any new or unusual sounds. This could indicate loose components, a dry chain, or issues with the motor or gears.

For issues not covered here, or if troubleshooting steps do not resolve the problem, please contact customer support.

9. SPECIFICATIONS

Feature	Specification
Brand	Qlaway
Model Name	BK20
Bike Type	Electric Bike
Age Range	Adult
Motor Power	750W (Peak 1500W)
Battery Capacity	48V 18AH (864Wh)
Charging Time	Approx. 6 hours
Maximum Speed	31 MPH
Range per Charge	40-70 miles
Number of Speeds	7
Wheel Size	20 Inches

Feature	Specification
Tire Width	4.0 Inches (Fat Tire)
Frame Material	High Carbon Steel
Suspension Type	Full (Front & Rear)
Brake Style	Disc
Item Weight	88 Pounds
Maximum Weight Recommendation	330 Pounds
Special Features	Back Seat, Dual Suspension, Headlight, Multi-Speed, Cruise Control
Included Components	Battery, Charger, User Manual, Tool Kit, Backseat, Lock

10. WARRANTY INFORMATION

The Qlaway Electric Dirt Bike comes with a 1-year guarantee covering the electric motor, battery, and charger from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.

11. CUSTOMER SUPPORT

If you have any questions, require assistance with assembly, or need to make a warranty claim, please contact the seller or manufacturer directly through the platform where the product was purchased. Provide your model number (BK20) and purchase details for efficient support.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Why has my Qlaway BK20 electric bike's top speed dropped from 25 mph to 16 mph, and how can I restore its original speed?

The Qlaway BK20 is designed to reach a top speed of up to 31 MPH. If your bike is suddenly limited to 16 MPH, it is likely due to a change in the speed...

[Read full answer](#)