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AONIU HD-B3

HIDOES B3 Electric Dirt Bike User Manual

Model: HD-B3

1. INTRODUCTION

Welcome to the HIDOES B3 Electric Dirt Bike user manual. This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your new electric bike. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize your riding experience.

The HIDOES B3 is a powerful 26-inch fat tire e-bike designed for adults, capable of speeds between 30-40mph and supporting riders up to 300+ lbs. It is built for heavy-duty off-road use, long-range commuting, and mountain biking, suitable for men, women, teens, and girls.



Figure 1: HIDOES B3 Electric Dirt Bike

2. SAFETY GUIDELINES

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to local traffic laws and regulations. Be aware of your surroundings and ride defensively.

- **Pre-Ride Check:** Before each ride, inspect tires, brakes, battery level, and all connections.
- **Weight Limit:** Do not exceed the maximum recommended weight of 198.42 lbs (90 kg) to ensure safe operation and bike longevity.
- **Weather Conditions:** Exercise caution when riding in wet or slippery conditions.
- **Battery Safety:** Only use the provided charger. Do not attempt to modify the battery.
- **Children:** This product is intended for adults. Keep out of reach of young children.

3. KEY COMPONENTS

The HIDOES B3 is engineered with high-quality components for performance and durability:

- **Motor:** Equipped with a 1200W brushless DC motor, providing strong climbing ability and high-speed output.
- **Battery:** Features a 48V/17.5Ah Lithium polymer battery, offering a riding range of 35-37 miles on a single charge (charging time 6-8 hours). The battery is removable and includes multiple protection features (overcurrent, under power, overcharge, high temperature, power-off).
- **Tires:** 26-inch off-road coarse fat tires with thickened steel pins for adaptability across various terrains including sand, mountains, dirt roads, snow, and grass.
- **Brakes:** Combination of oil brakes and front and rear dual disc brakes for smooth, safe, and comfortable stopping power.
- **Lighting System:** Integrated LED night lighting system with ultra-bright, wide-range long-distance illumination for improved visibility during night driving.
- **Display:** LCD intelligent display instrumentation showing driving speed, power display, current gear, and total mileage.
- **Frame:** Constructed from Aluminum Alloy for a strong and solid structure.

Large Torque and High Powerful Brushless DC Motor

Strong climbing and Strong Output

1200W

10-20°

HIGH SPEED MOTOR

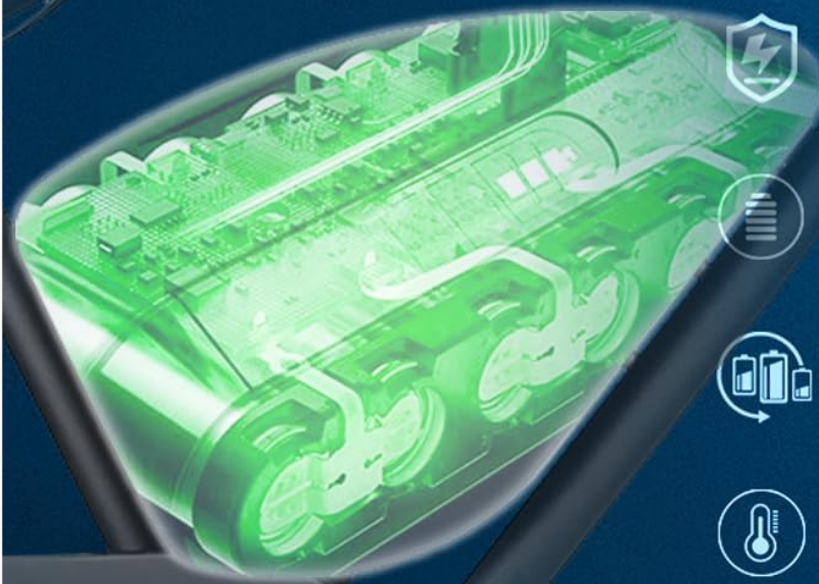
STRONG CLIMB



Figure 2: 1200W Brushless DC Motor

48v/18.2Ah Lithium polymer

Large capacity, long battery life, detachable design, waterproof, dustproof and anti-theft.



OVERCURRENT PROTECTION



UNDER POWER PROTECTION



OVERCHARGE PROTECTION



HIGH TEMPERATURE PROTECTION



POWER-OFF PROTECTION

Riding Range: **35-37 miles**

Charging time: **6~8h**

Figure 3: 48V/17.5Ah Lithium Polymer Battery with Protection Features

OIL BRAKE + FRONT AND REAR POROUS DISC BRAKES

E-ABS front and rear high-efficiency quick braking system,
Flexible operation, super performance, and super high braking effect.



Figure 4: Oil Brake and Dual Disc Brakes System

26*4.0 INCH BIG FAT TIRE

It is suitable for complex terrain
such as snow and sand.



LED NIGHT LIGHTING SYSTEM

Low energy consumption, long life, wide-angle
illumination. Make your driving safer at night.



Figure 5: 26-inch Fat Tires and Integrated LED Lighting

Figure 6: LCD Data Display Screen

4. SETUP AND ASSEMBLY

The HIDOES B3 electric bike requires some assembly upon arrival. Please follow these steps carefully. A tool kit and charger are included with your purchase.

4.1 Unboxing and Initial Inspection

Carefully remove the bike and all components from the packaging. Inspect for any damage during transit. Ensure all included components are present: user manual, tool kit, and charger.

4.2 Assembly Steps

1. **Unpack Components:** Remove all protective packaging and ties from the bike frame and wheels.

2. **Install Front Wheel:** Carefully align the front wheel with the fork and secure it using the quick-release mechanism or bolts as instructed. Ensure the disc brake rotor is correctly seated within the caliper.
3. **Attach Handlebars:** Mount the handlebars to the stem, ensuring they are centered and tightened securely. Connect any necessary cables (brakes, display, throttle) as per the instructions.
4. **Install Pedals:** Identify the left (L) and right (R) pedals. Thread them into the crank arms. Remember that the left pedal threads counter-clockwise. Tighten securely with a wrench.
5. **Install Headlight:** Attach the headlight to the designated mounting point on the front fork and connect its power cable.
6. **Adjust Seat:** Adjust the seat height to a comfortable and safe riding position.
7. **Final Checks:** Double-check all bolts, nuts, and quick releases for tightness. Ensure brakes are functioning correctly and tires are inflated to the recommended pressure.

4.3 Assembly Video Guide

For a visual guide on unboxing and assembly, please refer to the official video below:

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Video 1: Hidoes B3 Electric Bike Unboxing and Assembly. This video demonstrates the step-by-step process of unboxing the bike, identifying components, and assembling the electric bike, including attaching the front wheel, handlebars, and pedals.

5. OPERATING YOUR HIDOES B3

The HIDOES B3 offers versatile riding options with its multiple modes and speed levels.

5.1 Riding Modes

Switch between three distinct riding modes to suit your needs:

- **Fitness Riding Mode:** Intelligent power assist system is off. This mode relies solely on pedal power, similar to a traditional bicycle.
- **Leisure Boost Mode:** Provides about 0-50% power output, offering assistance while still requiring pedaling effort.
- **Commuter Pure Electric Mode:** Provides about 0-99% power output, allowing for throttle-only operation without pedaling.

THREE RIDING MODES

Switch between different modes to easily deal with various scenarios

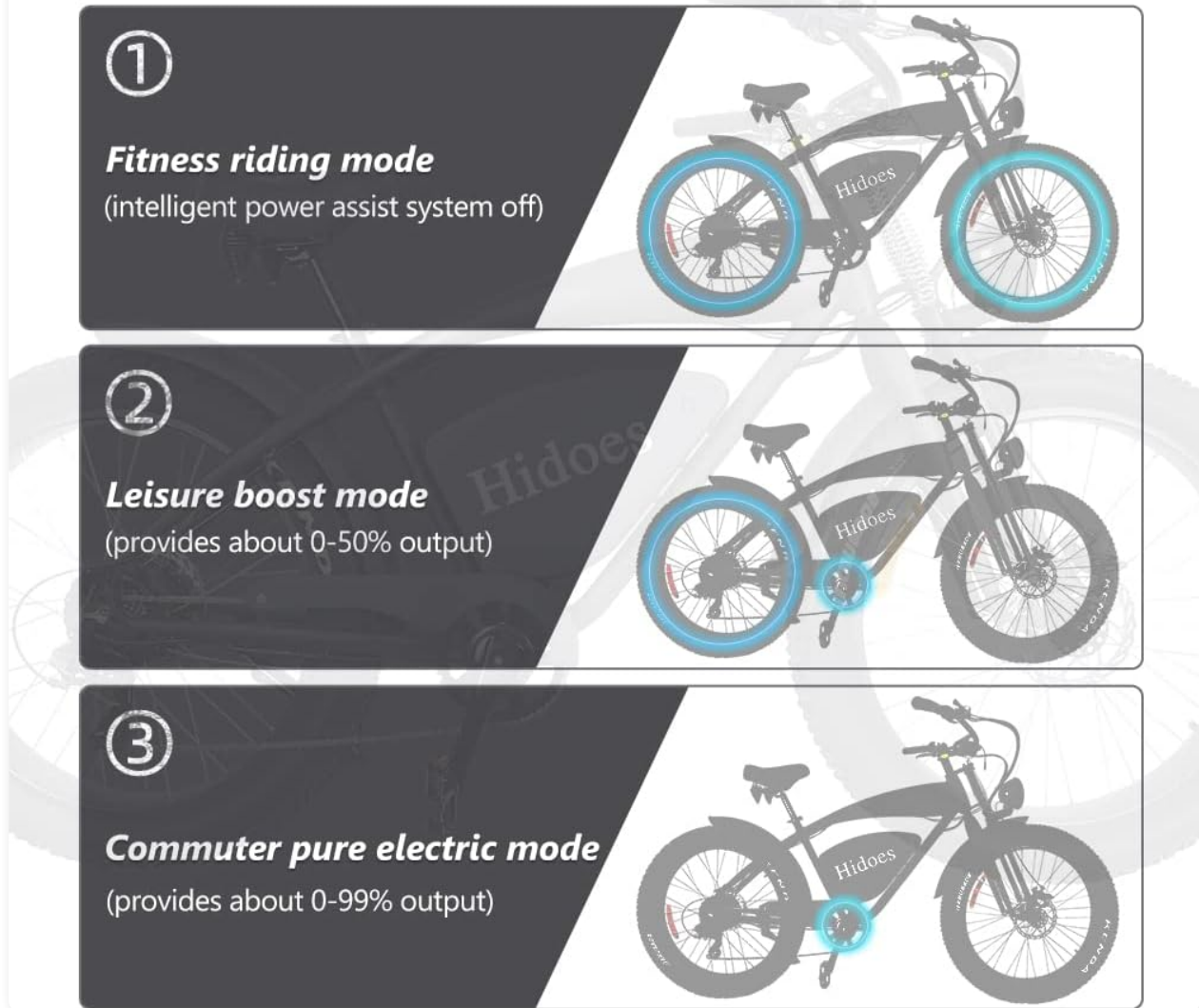


Figure 7: Three Riding Modes of the HIDOES B3

5.2 Speed Levels

The bike features 7 gear speeds, adjustable via the switcher mounted on the right handlebar. This multi-gear adjustment allows for fine-tuning your ride for various terrains and desired speeds.

5.3 LCD Display Operation

The LCD intelligent display provides real-time information about your ride. Familiarize yourself with its functions to monitor your speed, battery level, current gear, and total mileage.

5.4 Riding Demonstrations

Observe the HIDOES B3 in action across different environments:

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Video 2: This E-Bike Will Change How You Commute Forever! This short video highlights the HIDOES B3's suitability for commuting and general riding, showcasing its ease of use and versatility.

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Video 3: Electric Bike HD-B3 in Action. This video demonstrates the HIDOES B3 electric bike navigating various terrains, emphasizing its off-road capabilities and robust design.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your HIDOES B3 electric bike.

- **Tire Pressure:** Check tire pressure regularly and inflate to the recommended PSI (usually found on the tire sidewall).
- **Brake Inspection:** Periodically check brake pads for wear and ensure brake levers provide firm and responsive stopping power. Adjust or replace as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **Battery Care:** Store the battery in a cool, dry place. Charge it regularly, even if not in use, to maintain its health. Avoid fully discharging the battery.
- **General Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Fastener Check:** Periodically check all bolts, nuts, and fasteners for tightness.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Bike not powering on	Battery not charged, battery not properly seated, power cable loose.	Charge battery, ensure battery is fully inserted, check all electrical connections.
Motor not assisting	Incorrect riding mode, low battery, loose motor cable.	Switch to Leisure Boost or Pure Electric mode, charge battery, check motor cable connection.
Brakes feel weak	Worn brake pads, loose brake cable, air in hydraulic system (oil brakes).	Inspect/replace brake pads, adjust brake cable tension, consult a professional for hydraulic brake bleeding.
Unusual noises during ride	Loose components, dry chain, worn bearings.	Check all fasteners, lubricate chain, inspect bearings (professional service recommended).

8. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Name	HD-B3
Bike Type	Electric Bike
Age Range	Adult
Brand	AONIU
Number of Speeds	7
Color	Black
Wheel Size	26 Inches
Frame Material	Aluminum, Alloy Steel
Suspension Type	Rear, Front
Special Feature	Lightweight
Included Components	User manual x1, tool kit x1, charger x1
Size	Large
Brake Style	Disc
Specific Uses For Product	All Terrains
Item Weight	61.73 Pounds (27.99 kg)
Power Source	Electric Motor
Wattage	1200 watts
Lithium Battery Energy Content	840 Watt Hours
Maximum Weight Recommendation	198.42 Pounds (90 kg)
Assembly Required	Yes
UPC	767461123319



Figure 8: HIDOES B3 Electric Bike Dimensions (Note: Manual measurements may have slight errors)

9. WARRANTY AND SUPPORT

For any questions, technical support, or warranty claims, please contact the seller or manufacturer directly. Refer to your purchase documentation for specific warranty terms and contact information. You can also find additional information and support on the AONIUI Store page: [AONIUI Store](#)