

Hiboy P6

Hiboy P6 Electric Bike Instruction Manual

MODEL: P6

Brand: Hiboy

Introduction

This manual provides essential information for the safe and efficient operation of your Hiboy P6 Electric Bike. The Hiboy P6 is designed for adults, featuring a powerful 750W brushless motor (up to 1000W peak), a 48V 13Ah removable IPX5 waterproof lithium-ion battery, 26" x 4.0" fat tires, a Shimano 7-speed system, and hydraulic suspension. It is UL 2849 certified, ensuring high safety standards. Please read this manual thoroughly before your first ride and retain it for future reference.



Figure 1: Hiboy P6 Electric Bike, showcasing its robust design and fat tires.

Safety Information

- **UL 2849 Certification:** The Hiboy P6 electric bike has passed stringent UL 2849 testing, confirming its electrical system safety.
- **Helmet Use:** Always wear a certified helmet when riding your electric bike.
- **Traffic Laws:** Adhere to all local traffic laws and regulations.
- **Pre-Ride Check:** Before each ride, inspect brakes, tires, battery, and all connections to ensure they are in proper working order.
- **Visibility:** Use the integrated LED headlight and bike horn, especially when riding at night or in low-light conditions. Consider additional reflective gear.
- **Weight Limit:** Do not exceed the maximum weight recommendation of 265 pounds.

Setup and Assembly

Your Hiboy P6 electric bike arrives approximately 85% assembled. Follow these steps for final assembly and initial setup.

1. **Unpacking:** Carefully remove the bike and all components from the packaging. Retain packaging for potential returns or transport.

2. **Handlebar Installation:** Attach the handlebars to the stem, ensuring they are centered and tightened securely.
3. **Front Wheel Installation:** Install the front wheel, ensuring the quick-release skewer or axle nuts are properly secured.
4. **Pedal Attachment:** Attach the pedals. Note that pedals are typically marked 'L' for left and 'R' for right and thread in opposite directions.
5. **Seat Post Adjustment:** Insert the seat post and adjust the seat height for comfortable riding, ensuring the quick-release clamp is tightened.
6. **Battery Installation & Initial Charge:**
 - Locate the 48V 13Ah IPX5 waterproof Lithium-Ion Battery.
 - Insert the battery into its designated compartment on the frame and secure it.
 - Connect the charger to the battery and a power outlet. Allow 4-6 hours for a full charge before first use.
7. **Tire Inflation:** Inflate the 26" x 4.0" fat tires to the recommended pressure indicated on the tire sidewall.
8. **Brake Check:** Test both front and rear brakes to ensure they engage properly and stop the bike effectively. Adjust if necessary.



Figure 2: The removable 48V 13Ah IPX5 waterproof lithium-ion battery integrated into the bike frame.

Operating Instructions

The Hiboy P6 offers versatile riding experiences with its multiple modes and intuitive controls.

Riding Modes:

- **Pure Electric Mode:** Engage the throttle for motor-powered propulsion without pedaling.
- **Pedal-Assist Mode (PAS):** The motor provides assistance as you pedal, offering varying levels of support. This mode extends battery range significantly (49.7-62.1 miles).
- **Classic Bike Mode:** Ride the bike like a traditional bicycle, using only pedal power.

Intelligent LCD Display:

The LCD display provides real-time information about your ride. Use the control buttons near the display to cycle through different metrics such as current speed, riding time, total mileage, and remaining battery power.

BUILT FOR ALL-TERRAIN RIDING



Shimano 7-Speed Gear System

Conquer all kinds of rough terrain with adjustable suspension.



Hydraulic Suspension Fork

Reduced shock and impact for a smooth ride in rugged conditions.

Figure 3: Close-up of the intelligent LCD display and handlebar controls.

Shimano 7-Speed System:

Utilize the Shimano 7-speed gear shifter to adapt to various terrains and riding conditions, from uphill climbs to flat cruising. Shift gears smoothly by easing pressure on the pedals during the shift.

Braking System:

The dual disc brakes provide reliable stopping power. Apply both front and rear brakes simultaneously for

optimal control and shorter stopping distances. Avoid sudden, hard braking, especially with the front brake, to prevent loss of control.

Headlight and Horn:

The integrated LED headlight and bike horn are essential safety features. Activate the headlight in low-light conditions and use the horn to alert others to your presence.

Maintenance

Regular maintenance ensures the longevity and safe operation of your Hiboy P6 Electric Bike.

- **Battery Care:**
 - Charge the battery regularly, even if not in frequent use, to maintain its health.
 - Store the battery in a dry, cool indoor environment when not in use. Avoid prolonged exposure to direct sunlight, extreme heat, or cold, as this can accelerate aging and compromise lifespan.
 - Do not fully discharge the battery frequently.
- **Tire Pressure:** Check tire pressure before each ride and inflate to the recommended PSI. Proper inflation improves ride quality and prevents punctures.
- **Brake Inspection:** Regularly inspect brake pads for wear and ensure brake levers provide firm and responsive stopping power. Adjust or replace components as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **General Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Fastener Check:** Periodically check all bolts and fasteners for tightness.

Troubleshooting

If you encounter issues with your Hiboy P6 Electric Bike, consider the following common solutions. For persistent problems, contact customer support.

- **No Power:** Ensure the battery is fully charged and properly seated in its compartment. Check all electrical connections.
- **Motor Not Assisting:** Verify that pedal-assist mode is activated on the LCD display. Check for any error codes displayed.
- **Brake Issues:** If brakes feel spongy or ineffective, check cable tension and brake pad wear. Adjust as necessary.
- **Unusual Noises:** Inspect the chain, gears, and wheels for any obstructions or loose components.

Specifications

Feature	Detail
Bike Type	Electric Bike, Mountain Bike
Motor	750W Brushless (Max 1000W)
Battery	48V 13Ah Removable IPX5 Waterproof Lithium-Ion




Charging Time	4-6 hours
Max Speed	Up to 28+ MPH
Range (Full Electric)	24.9-31 miles
Range (Pedal Assist)	49.7-62.1 miles
Wheel Size	26 Inches (4.0" Fat Tires)
Gears	Shimano 7-Speed System
Brakes	Dual Disc Brakes
Suspension	High-Strength Hydraulic Suspension Front Fork
Frame Material	Aluminum Alloy
Item Weight	65 Pounds
Maximum Weight Recommendation	265 Pounds
Included Components	48V 13Ah IPX5 waterproof Lithium-Ion Battery, Charger, Electric Bike, Headlight and Bike Siren, LCD Display




Warranty and Support

Hiboy offers the following support for your P6 Electric Bike:

- **Return Policy:** 30 days unconditional return and exchange.
- **Parts Warranty:** 12 months free customer support for most parts.
- **Battery Warranty:** 6 months free support for the battery.
- **Customer Support:** 24-hour online help is available through Amazon or the official after-sales service channels.

Related Documents - P6

	Hiboy P6 Electric Bike User Manual Comprehensive user manual for the Hiboy P6 Electric Bike, covering assembly, operation, maintenance, troubleshooting, and warranty information.
	Hiboy EX6 Electric Bike User Manual Comprehensive user manual for the Hiboy EX6 electric bike, covering package contents, product overview, installation instructions, operating procedures, battery management, safety guidelines, maintenance, specifications, and troubleshooting.
	Hiboy EX6 Electric Bike User Manual Comprehensive user manual for the Hiboy EX6 electric bike, covering assembly, operation, safety guidelines, maintenance, and specifications for optimal performance and rider safety.

	<p>Hiboy E-bike P6 User Manual</p> <p>User manual for the Hiboy E-bike P6, covering package contents, product overview, installation, operation, maintenance, troubleshooting, specifications, and warranty information.</p>
	<p>Hiboy BK1 Electric Balance Bike User Manual</p> <p>Comprehensive user manual for the Hiboy BK1 Electric Balance Bike, covering package contents, product overview, installation, charging, operation, safety instructions, maintenance, specifications, and warranty.</p>
	<p>Hiboy P7 Electric Bike User Manual</p> <p>User manual for the Hiboy P7 Electric Bike, covering package contents, product overview, installation, operation, maintenance, safety instructions, specifications, warranty, and troubleshooting.</p>