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## Hidoes HD-B3

# Hidoes 1200W Electric Bicycle User Manual

Model: HD-B3

## INTRODUCTION

This user manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your Hidoes 1200W Electric Bicycle. Please read this manual thoroughly before your first ride to ensure proper use and to maximize the lifespan of your e-bike. Retain this manual for future reference.



Image: The Hidoes 1200W Electric Bicycle shown with its robust design, fat tires, and integrated headlight. This model is designed for various terrains.

## SAFETY INFORMATION

Your safety is paramount. Adhere to all local traffic laws and regulations. Always wear a helmet and appropriate safety gear when riding. Perform pre-ride checks as outlined in this manual.

- Always wear a certified helmet.
- Ensure all components are securely fastened before each ride.
- 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 if visibility is poor or surfaces are slippery.
- The e-bike complies with UL-2849 standard.

## PACKAGE CONTENTS

Upon unpacking, verify that all items listed below are present and undamaged. If any items are missing or damaged, contact Hidoes customer support immediately.

- Hidoes 1200W Electric Bicycle (90% pre-assembled)
- Battery Charger
- Tool Kit
- User Manual (this document)



Image: The Hidoes Electric Bicycle shown with its included battery charger and basic tool kit, indicating the complete package contents.

## SETUP AND ASSEMBLY

Your Hidoes electric bicycle arrives approximately 90% pre-assembled, significantly reducing the setup time. The remaining assembly typically involves attaching the front wheel, handlebars, pedals, and seat. Refer to the included tool kit for necessary instruments.

1. **Unpacking:** Carefully remove the e-bike and all components from the packaging. Retain the original packaging for a period, as it may be required for returns or warranty claims.
2. **Handlebar Installation:** Attach the handlebars to the stem, ensuring they are centered and tightened securely. Adjust the angle for comfortable riding posture.

3. **Front Wheel Attachment:** Install the front wheel, ensuring the disc brake rotor is correctly aligned within the caliper. Secure the quick-release skewer or axle nuts firmly.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal threads counter-clockwise, and the right pedal threads clockwise. Apply a small amount of grease to the threads and tighten them securely with a wrench.
5. **Seat Post and Saddle Adjustment:** Insert the seat post into the frame and adjust the saddle height to allow for a slight bend in your knee when the pedal is at its lowest point. Secure the quick-release clamp.
6. **Initial Battery Charge:** Before your first ride, fully charge the battery. Refer to the "Battery Information" section for charging instructions.
7. **Pre-Ride Inspection:** Before every ride, perform a thorough check of brakes, tires, chain, and all bolted connections. Ensure tire pressure is within the recommended range (refer to tire sidewall).

## OPERATING INSTRUCTIONS

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The Hidoes 1200W Electric Bicycle offers versatile riding experiences with its multiple driving modes and 7-speed transmission system.

### Driving Modes

Your e-bike features three distinct driving modes:

- **Pure Electric Mode:** Engages the motor via a throttle, allowing you to ride without pedaling. Ideal for cruising or when you need a boost without effort.
- **Pedal-Assist Mode (PAS):** Provides motor assistance as you pedal. This mode typically has 5 levels of assistance, allowing you to choose the amount of power the motor provides. This extends battery range and reduces rider fatigue.
- **Classic Bike Mode:** The motor is disengaged, and the e-bike functions as a traditional bicycle, relying solely on pedal power.

# 3 Driving Modes

## 7-Speed Transmission System

Pure Electric

Pedal-assist

Classic Bike



## High Safety Design

HIDOES B3 ebike uses a front disc brake and rear oil brake design.

Image: Visual representation of the three driving modes available on the Hidoes B3 e-bike, highlighting the versatility for different riding preferences.

### 7-Speed Transmission System

The 7-speed drivetrain allows for accurate and smooth gear shifting, enabling you to tackle various terrains and inclines efficiently. Use the gear shifter on the handlebars to change gears as needed, similar to a conventional bicycle.

### Braking System

The Hidoes B3 e-bike is equipped with a front disc brake and a rear oil brake (hydraulic disc brake) for superior stopping power and control. These brakes provide precise and instant braking, even in wet conditions, and offer quick heat dissipation for consistent performance.



Image: Detailed view of the e-bike's braking system, illustrating the oil brake lever and the porous disc brake rotor for enhanced stopping performance.

## BATTERY INFORMATION

The Hidoes 1200W Electric Bicycle is powered by an upgraded 48V/18.2AH lithium battery, providing a long range of 50-150KM depending on riding conditions and mode.

### Charging the Battery

- Always use the original charger provided with your e-bike.
- Connect the charger to the charging port on the e-bike, then plug it into a standard wall outlet.
- The charging indicator light on the charger will change color (e.g., red to green) when fully charged.
- Charging typically takes approximately 6 hours for a full charge.

- Do not overcharge the battery. Disconnect the charger once charging is complete.

**60km Long Range**

**48V 18.2Ah**

**873.6Wh**

**1300+ Cycles**  
Battery Recharging

**-20°C**  
Low Temperature Discharge

**48V**

**18.2Ah**

**UL**

The image features a dark background with a bicycle frame and a blue Hidoes battery pack. On the right, a stack of green battery cells is shown with a lightning bolt graphic. The UL logo is in the bottom right corner.

Image: Detailed specifications of the Hidoes e-bike's 48V 18.2Ah battery, highlighting its capacity, energy content, and expected cycle life.



Image: A close-up view of the e-bike's battery pack, emphasizing its 48V 17.5Ah capacity (note: product specifications state 18.2Ah, this image might represent a slight variant or older specification).

## Battery Care and Storage

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for extended periods, charge the battery to approximately 50-70% every 2-3 months to maintain its health.
- Avoid fully discharging the battery frequently, as this can reduce its lifespan.
- Do not expose the battery to water or moisture.

## MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Hidoes electric bicycle.

- **Tires:** Check tire pressure before each ride. The 26"x4" fat tires are puncture-resistant but should be inflated to the recommended PSI found on the tire sidewall.
- **Brakes:** Regularly inspect brake pads for wear and ensure brake levers provide firm and responsive braking. Adjust or replace as necessary.
- **Chain:** Keep the chain clean and lubricated to ensure smooth shifting and prevent premature wear.
- **Bolts and Fasteners:** Periodically check and tighten all bolts and fasteners, especially on critical components like the handlebars, seat post, and wheels.
- **Cleaning:** Clean the e-bike with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components.
- **Suspension:** The lockable front suspension fork and dual suspension system should be inspected for proper function and cleanliness.



Image: A close-up view of the e-bike's double shock absorption system on the front fork, illustrating the spring mechanism for improved ride comfort.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your Hidoes electric bicycle.

| Problem                       | Possible Cause   | Solution   |
|-------------------------------|--|--|
| E-bike does not power on.     | Battery is low or not connected;<br>Power button not pressed.                  | Charge the battery; Ensure battery is properly seated;<br>Press and hold the power button.                             |
| Motor not assisting.          | Battery low; PAS level set to 0; Brake levers engaged; Loose motor connection. | Charge battery; Increase PAS level; Release brake levers;<br>Check motor cable connections.                            |
| Brakes feel weak.             | Worn brake pads; Air in hydraulic system (oil brake); Loose brake cable.       | Inspect and replace brake pads; Bleed hydraulic system (professional service recommended); Adjust brake cable tension. |
| Unusual noises during riding. | Loose components; Dry chain; Derailleur misalignment.                          | Check all bolts; Lubricate chain; Adjust derailleur (refer to specific derailleur manual or seek professional help).   |

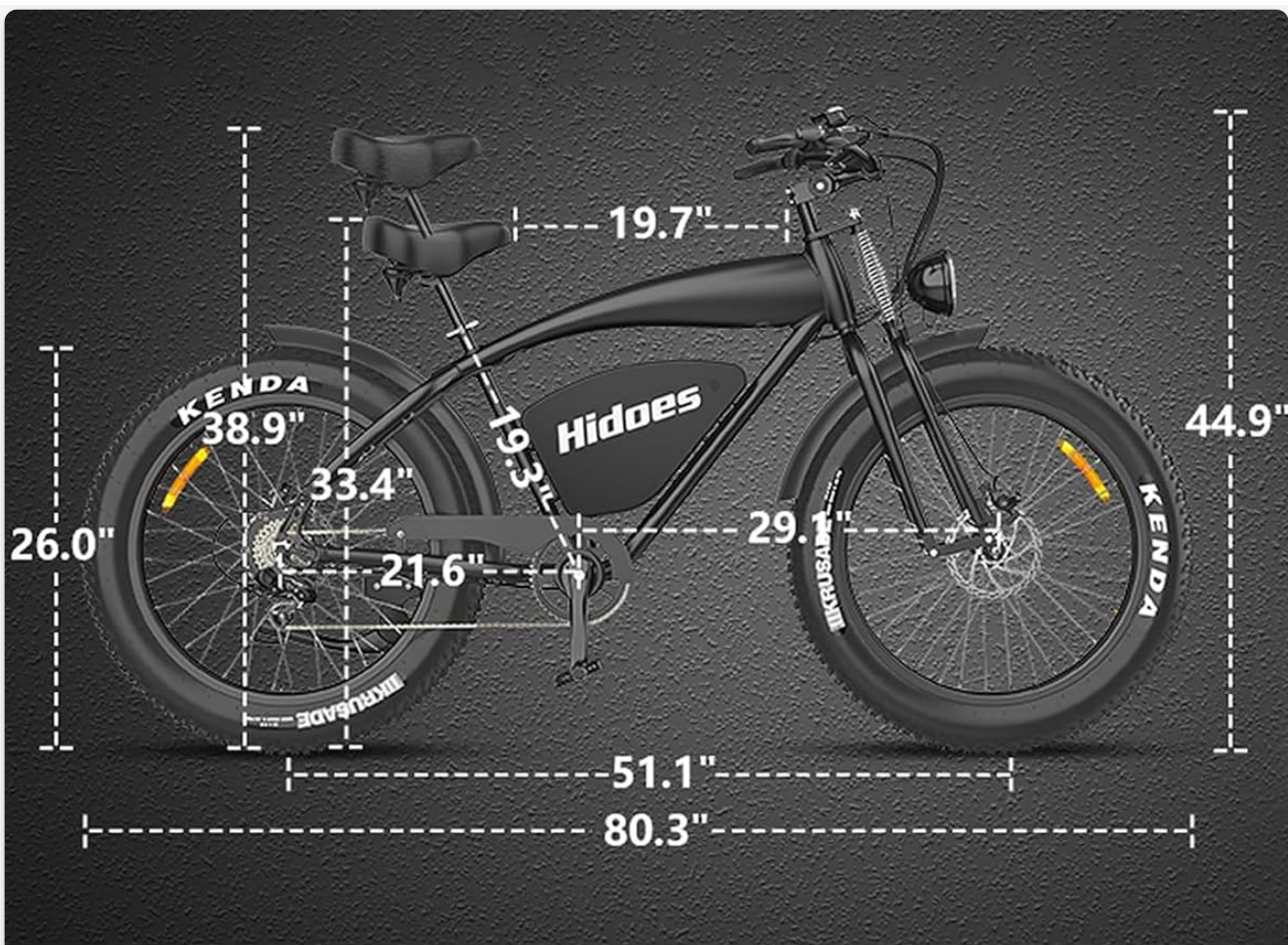
If you encounter issues not listed here or require further assistance, please contact Hidoes customer support.

## SPECIFICATIONS

Key technical specifications for the Hidoes 1200W Electric Bicycle (Model: HD-B3).

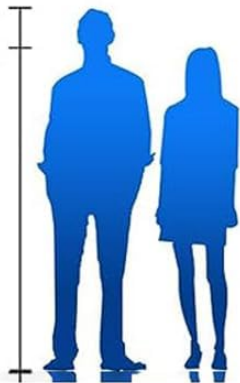
| Feature   | Detail                           |
|-----------|----------------------------------|
| Bike Type | Electric Bike                    |
| Motor     | 1200W High-speed Brushless Motor |
| Battery   | 48V 18.2AH Lithium Battery       |
| Max Speed | Up to 60 km/h (37 mph)           |

| <b>Feature</b>                | <b>Detail</b>                         |
|-------------------------------|---------------------------------------|
| Range                         | 50-150 KM (31-93 miles)               |
| Wheel Size                    | 26 Inches (26"x4" Fat Tires)          |
| Frame Material                | Aluminum Alloy                        |
| Number of Speeds              | 7 Speed Gears                         |
| Brake Style                   | Front Disc Brake, Rear Oil Brake      |
| Suspension Type               | Dual (Lockable Front Suspension Fork) |
| Item Weight                   | 62 Pounds (approx. 28.1 kg)           |
| Maximum Weight Recommendation | 350 lbs                               |
| Recommended Rider Height      | 5.74-6.56 FT                          |
| Model Name                    | HD-B3                                 |
| UPC                           | 765169282680                          |



## Height

200cm  
175cm



Recommend Height

**5.74-6.56FT**



Load Capacity

**350 lbs**



E-Bike Weight

**62 lbs**

Image: Technical drawing of the Hidoes Electric Bicycle with key dimensions and recommended rider height and weight capacity.

# 1200W BRUSHLESS MOTOR



**1200W**  
Power



**60km/h**  
Max speed



**50-60km**  
Trip distance



**30° max**  
Uphill

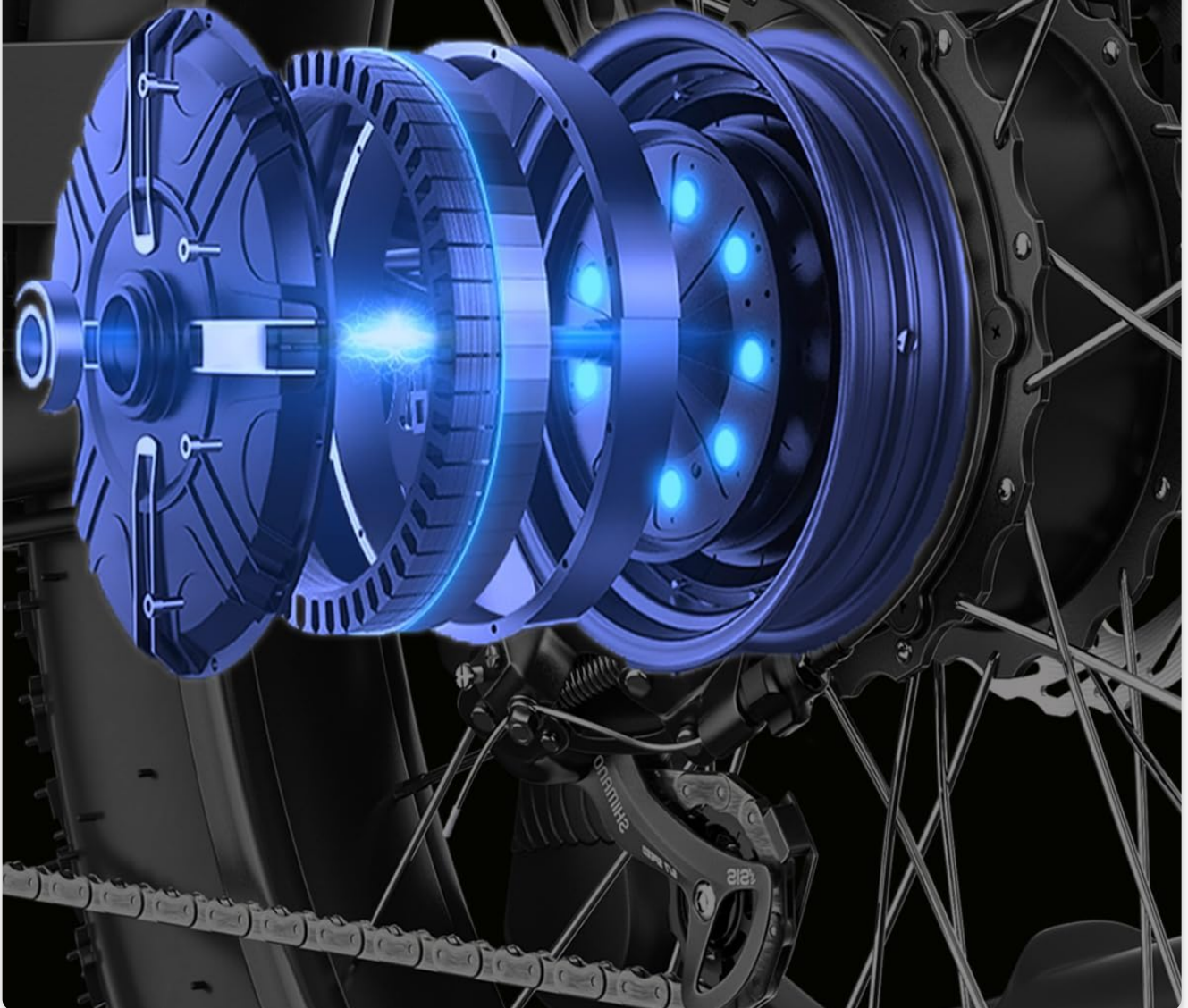


Image: An exploded view diagram of the 1200W brushless motor, illustrating its internal components and highlighting its power, speed, and range capabilities.

## WARRANTY AND SUPPORT

Hideoes provides a warranty for your electric bicycle to ensure your satisfaction and peace of mind.

- **Warranty Period:** The electric motor and battery come with a 1-year warranty from the date of purchase.
- **Coverage:** This warranty covers manufacturing defects in materials and workmanship. It does not cover damage due to misuse, accidents, normal wear and tear, or unauthorized modifications.

- **Claim Process:** For warranty claims or technical support, please contact Hidoes customer service. Provide your purchase details and a description of the issue.
- **Contact:** Hidoes Online Help Center aims to respond within 24 hours for professional after-sales service.

Please keep the original e-bike package for a while in case you need to return it or for future servicing.

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For further assistance, visit the [Hidoes Store on Amazon](#).