

[Manuals.plus](#) /

› [W Wallke](#) /

› W Wallke H7 Peak Electric Bike User Manual

W Wallke H7

W Wallke H7 Peak Electric Bike User Manual

Model: H7

Brand: W Wallke

1. INTRODUCTION

The Wallke H7 electric bike is designed to enhance your riding experience with powerful performance and intelligent features. It is equipped with a large capacity battery for extended range and a robust motor for various terrains. This manual provides essential information for the setup, operation, and maintenance of your H7 electric bike.



Figure 1: W Wallke H7 Peak Electric Bike

2. SETUP AND ASSEMBLY

Your Wallke H7 electric bike comes 90% pre-assembled for quick and easy setup. Follow the steps below to complete the assembly:

1. **Handlebar Installation:** Secure the handlebar to the stem using the provided Allen wrenches. Ensure all bolts are tightened securely.
2. **Battery Installation:** Insert the 48V 40Ah Samsung lithium-ion battery into its designated compartment. Ensure it clicks into place and is locked securely to prevent theft and protect from elements.
3. **Seat Installation:** Attach the seat post to the frame and adjust the seat height for comfortable riding. Secure the quick-release lever.
4. **Front Wheel Installation:** Attach the front wheel to the fork, ensuring the disc brake rotor aligns correctly with

the caliper. Secure the axle nuts firmly.

5. **Pedal Installation:** Install the left and right pedals onto their respective crank arms. Note that pedals are typically marked 'L' for left and 'R' for right.
6. **Fender and Rear Rack Installation:** Attach the front and rear fenders, and the rear cargo rack, securing them with the appropriate screws.

For a detailed visual guide on the assembly process, please refer to the official assembly video:

Your browser does not support the video tag.

Video 1: Wallke H7 Electric Bike Latest Assembly Guide. This video demonstrates the step-by-step assembly of the Wallke H7 electric bike, including handlebar, battery, seat, wheel, and pedal installation.

3. OPERATING YOUR H7 ELECTRIC BIKE

3.1 Riding Modes

The W Wallke H7 offers 4 distinct riding modes to suit various preferences and conditions:

- **Throttle Mode:** Engage the throttle for pure electric power, ideal for effortless cruising.
- **Pedal Assist Mode:** The motor provides assistance as you pedal, offering a balanced blend of exercise and electric support.
- **Walking Mode:** Provides low-speed assistance for easy maneuvering while walking alongside the bike.
- **Single Drive Modes:** Allows for selection between single motor operation (if applicable to your model).

Peak 3200W Electric bike

6 Modes for your Choice



Figure 2: Wallke H7 Electric Bike Riding Modes, illustrating various power assistance options.

3.2 Smart Display and App Control

The H7 features a full-color screen with a USB port, allowing you to monitor key information such as battery level, distance traveled, speed, and riding mode. The integrated app control further enhances your riding experience by providing smart and effortless control over various functions.

SMART DISPLAY APP CONTROL

Enhance Your Ride with Smart and Effortless



Figure 3: Smart Display and App Control interface on the Wallke H7.

Experience the bike's performance on challenging inclines:

Your browser does not support the video tag.

Video 2: Conquer the steepest paved street in Los Angeles. This video showcases the Wallke H7's powerful motor and climbing capabilities on a steep incline.

4. KEY FEATURES

4.1 Motor and Performance

The H7 electric bike is powered by a 1200W brushless motor, achieving a peak power of 2000W. It can reach top speeds of 31 MPH and boasts 105 N·m of torque, allowing it to conquer slopes up to 40°. The 48V 30A controllers ensure smooth power delivery and stable performance across various terrains.

2000W

2000W PEAK
POWERFUL MOTORS

UL Solutions
UL2849

UL Certificate
Report Reference:
E541429-20250403
Model(s) : H7
UL Certified, Safety Guaranteed

40°
Climbing Slope

105NM
Full Twist Throttle

31MPH
Max Speed

7 Speed
Shimano

Figure 4: Illustration of the 2000W peak powerful motor of the Wallke H7.

4.2 Battery System

Equipped with a 48V 40Ah Samsung lithium-ion battery, the H7 offers a maximum range of 130 miles, though actual range may vary based on load, road conditions, and speed. The waterproof, removable battery features a built-in lock for quick detachment and secure charging, protecting it from theft and the elements.



48V 40AH

SAMSUNG CELLS BATTERY

UL Solutions
UL2271

UL Battery Certificate:
Report reference:
MH67013-20250227
Model(s):
GJ-WK-SAMSUNG-13S12P
UL Certified Battery, Safe Power

Samsung
Cells Battery

BMS
Protection System

130Miles
Max Range

6A
Fast Charger

Removable
Anti-theft System

IP65
Waterproof

Figure 5: The 48V 40Ah Samsung cell battery system of the Wallke H7.

4.3 Suspension System

The H7 features a full suspension system, including a lockable hydraulic suspension and an aluminum rear shock absorber. This design effectively absorbs shocks and smooths out bumps, providing a comfortable ride even on rough terrains.

FULL SUSPENSION E-BIKE



Suspension Fork With Lock

Shock Absorption

Spring Loaded Shock Absorber

Figure 6: Components of the full suspension system on the Wallke H7.

4.4 Tires and Frame

The H7 is equipped with puncture-resistant 20"x 4" fat tires, designed to conquer challenging terrains such as snow, sand, flat roads, and gravel. The sturdy aluminum frame ensures a safe ride and can support riders up to 400 lbs. The bike also features one-piece wheels made from robust magnesium alloy material for enhanced durability.



Figure 7: The 20-inch all-terrain fat tires of the Wallke H7.

One-Piece Wheels, More Robust and Durable Magnesium Alloy Material

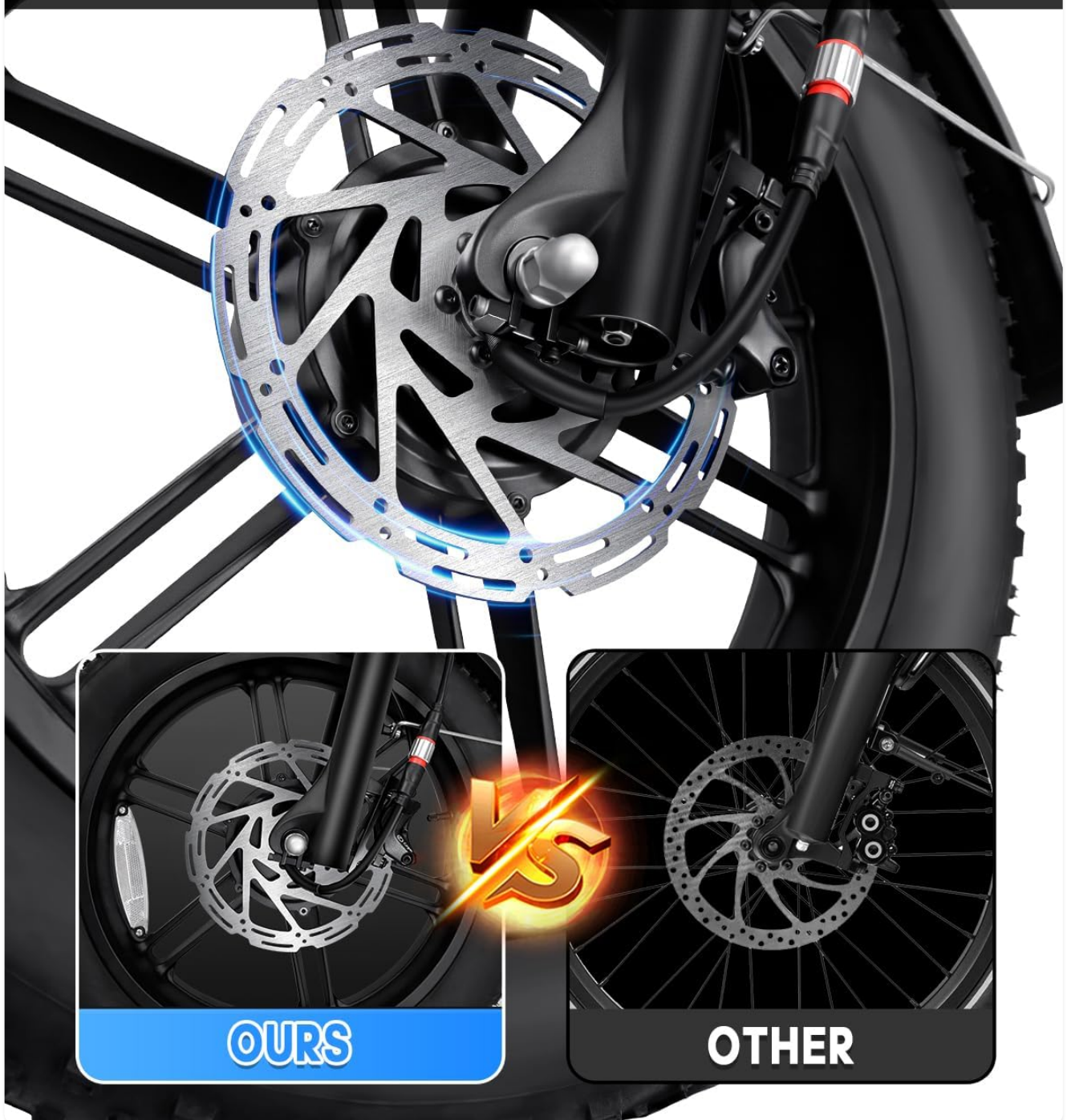


Figure 8: Comparison of Wallke H7 one-piece wheels with other designs.

4.5 Braking System

Featuring 4-piston 203mm hydraulic disc brakes, the H7 electric bike offers superior stopping power, ensuring safety and control at high speeds. This advanced braking system provides reliable performance in various riding conditions.

5. PRODUCT DIMENSIONS

Refer to the diagram and table below for the key dimensions of the Wallke H7 electric bike:

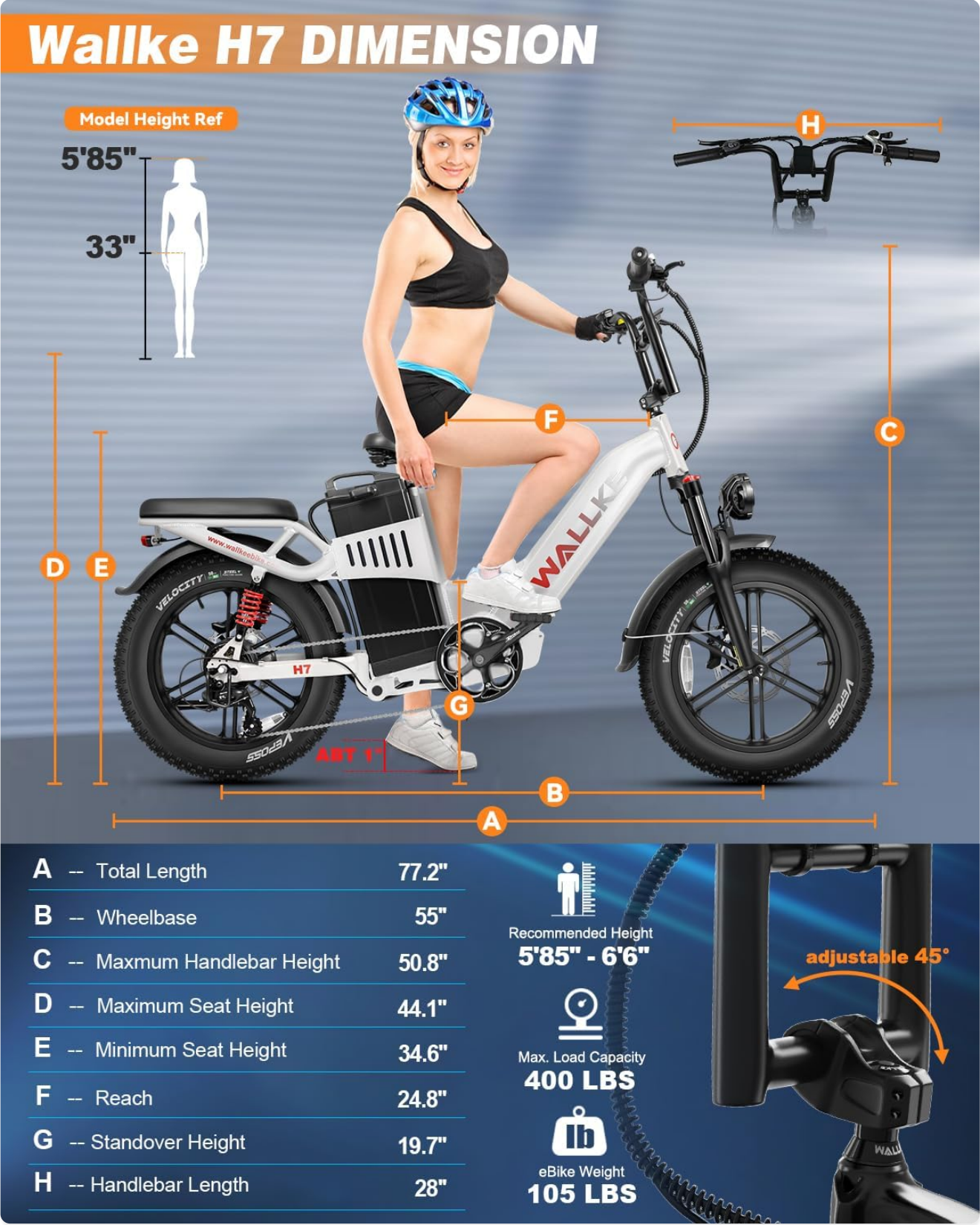


Figure 9: Wallke H7 Dimension Diagram.

Measurement	Value
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Measurement	Value
Total Length	77.2 inches
Wheelbase	55 inches
Maximum Handlebar Height	50.8 inches
Maximum Seat Height	44.1 inches
Minimum Seat Height	34.6 inches
Reach	24.8 inches
Standover Height	19.7 inches
Handlebar Length	28 inches
Max. Load Capacity	400 lbs
eBike Weight	105 lbs

Recommended Rider Height: 5'8.5" - 6'6"

6. MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your Wallke H7 electric bike. While specific detailed instructions are beyond the scope of this brief manual, general maintenance practices include:

- Regularly check tire pressure and condition.
- Inspect brake pads and rotors for wear and proper function.
- Keep the chain clean and lubricated.
- Ensure all bolts and fasteners are tightened securely.
- Clean the bike regularly, avoiding direct high-pressure water on electrical components.
- Store the bike in a dry, cool place, especially the battery.

For comprehensive maintenance procedures, please refer to the full user manual provided with your purchase or contact Wallke customer support.

7. TROUBLESHOOTING

If you encounter any issues with your Wallke H7 electric bike, consider the following basic troubleshooting steps:

- **No Power:** Check if the battery is fully charged and properly seated. Ensure the power switch is on.
- **Motor Not Engaging:** Verify that the throttle or pedal assist is activated. Check for any error codes on the display.
- **Braking Issues:** Inspect brake levers for proper tension and ensure brake pads are not worn out.

- **Unusual Noises:** Identify the source of the noise. It could be loose components, chain issues, or brake rubbing.

For more complex problems or persistent issues, please consult the detailed troubleshooting section in your complete user manual or contact Wallke technical support for assistance.

8. TECHNICAL SPECIFICATIONS

Specification	Detail
Bike Type	Electric Bike
Age Range (Description)	Adult
Brand	W Wallke
Number of Speeds	7
Color	Black
Wheel Size	20 Inches
Frame Material	Aluminum
Suspension Type	Dual
Special Feature	Adjustable Handlebars, Cargo Rack
Brake Style	4-Piston 203mm hydraulic disc brakes
Wheel Width	4 Inches
Specific Uses For Product	Snow
Theme	Sport
Style	40ah 130 Miles & Single Motor
Model Name	H7
Power Source	Electric
Wattage	2000 watts
Wheel Material	Alloy Steel
Year	2025
Lithium Battery Energy Content	40 Milliampere Hour (mAh)
Maximum Weight Recommendation	400 Pounds
Assembly Required	Yes
Bicycle Gear Shifter Type	Twist Grip
Bicycle Drivetrain Type	Electric

Specification	Detail
Electric Assist Type	Pedelec
Manufacturer	W Wallke
UL Certification	UL 2849 Certified

9. WARRANTY AND SUPPORT

Your Wallke H7 electric bike is covered by a 1-year limited warranty for manufacturing defects. Free replacement parts will be provided for manufacturing defects during this period. For human-caused damage, parts are available at cost. Additionally, lifetime technical support is provided.

Return Policy:

- **30-Day Return Policy:**
- Unopened products: Customer pays return shipping.
- Used products with defects: Free parts available. If return is requested, buyer pays tire replacement fee for secondary sales.
- Used products (non-defects, e.g., change of mind): Customer pays return shipping plus new tire replacement fee.

For any warranty claims, technical assistance, or support inquiries, please contact Wallke customer service.

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ASK A QUESTION ABOUT THIS MANUAL

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

Anonymous

Email

you@example.com

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