

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [INVANTI](#) /

› [INVANTI Folding Electric Bike User Manual](#)

INVANTI Tide 2

INVANTI Folding Electric Bike User Manual

Model: Tide 2

1. INTRODUCTION TO YOUR INVANTI FOLDING ELECTRIC BIKE

Welcome to the world of smart mobility with your new INVANTI Folding Electric Bike. This manual provides essential information for the safe and efficient operation, maintenance, and care of your e-bike. Designed for commuting and outdoor adventures, the Tide 2 model combines modern design with advanced technology to offer a comfortable and convenient riding experience.

Key features include a powerful 1000W peak motor, a high-capacity 48V 10.4AH removable battery, full suspension with 20"x3" fat tires, and a foldable, portable design. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Figure 1.1: INVANTI Folding Electric Bike (Black Model)

This image displays the INVANTI Folding Electric Bike in its full, unfolded state, showcasing its robust frame, fat tires, and integrated rear rack. The bike is presented in a black finish, highlighting its sleek design.

2. SAFETY GUIDELINES

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Familiarize yourself with local regulations regarding electric bicycles. Perform a pre-ride check before each use.

2.1 Pre-Ride Checklist

- Check tire pressure (20"x3" fat tires).
- Verify brake functionality (front and rear disc brakes).
- Ensure all quick releases and fasteners are secure.
- Test headlight and taillight operation.
- Confirm battery is charged and securely locked in place.

2.2 Important Warnings

- Do not ride under the influence of alcohol or drugs.

- Adhere to the maximum load capacity of 330 lbs for the bike and 110 lbs for the rear rack.
- Avoid riding in extreme weather conditions.
- Always be aware of your surroundings and traffic.

3. SETUP AND ASSEMBLY

Your INVANTI electric bike is 95% pre-assembled. The following steps detail the final assembly process.

3.1 Unboxing and Initial Inspection

Carefully remove the bike from its packaging. Inspect for any shipping damage. The tires may already have some air, but ensure they are at the recommended pressure before riding.

Your browser does not support the video tag.

Video 3.1: Unboxing and Initial Setup of INVANTI Tide 2 Ebike

This video demonstrates the unboxing process of the INVANTI Tide 2 electric bike, showing how it is carefully removed from its packaging and prepared for initial setup. It highlights the compact, folded state of the bike upon arrival.

3.2 Unfolding the Bike

Unfold the main frame and secure the locking mechanisms. Adjust the handlebar height for comfortable riding. The bike features an adjustable handlebar height suitable for a wider range of people.

INVANTI



A	Total Length	65.0"	E	Min Seat Height	34.6"
B	Wheelbase	43.3"	F	Max Seat Height	40.6"
C	Standover Height	14.2"	G	Min Handlebar Height	41.7"
D	Reach	17.0"	H	Max Handlebar Height	46.5"



Recommended Height
5.25-6.23 FT



Bicycle Weight
60.6 lbs



Load Capacity
Max 330 lbs



Figure 3.1: Adjustable Handlebar Height

This image illustrates the adjustable handlebar feature of the INVANTI electric bike, showing how the handlebar can be raised or lowered to suit different rider heights for optimal comfort.

3.3 Installing Pedals and Seat

Attach the left and right pedals. Ensure they are securely tightened. Insert the seat post into the frame and adjust the seat height to your preference. The bike features a comfortable seat with suspension for a smoother ride.



Figure 3.2: Easy Step-Thru Frame

This image highlights the step-thru frame design of the INVANTI electric bike, emphasizing its ease of use for various riders, including those wearing skirts, the elderly, and beginners.

4. OPERATING YOUR ELECTRIC BIKE

Your INVANTI electric bike offers multiple riding modes and smart features for an enhanced experience.

4.1 Powering On and Display Functions

To power on the bike, ensure the battery is switched on. Then, press and hold the power button on the LCD display. The display shows speed, battery life, mileage, and other riding data.



INVANTI

Rear Cargo Rack

Stabilize bulky items like camping gear or picnic supplies during off-road trips.

Figure 4.1: Smart LCD Display

This image provides a close-up view of the smart LCD display on the INVANTI electric bike's handlebar, showing various riding data such as speed, battery life, and mileage.

4.2 Riding Modes

- **Pure Electric Mode:** Provides power without pedaling, offering a range of up to 25 miles.
- **Pedal-Assist Mode:** Augments your pedaling effort, extending the range up to 45 miles. The 7-speed system allows you to choose the gear that suits different terrains.

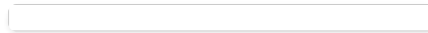


Figure 4.2: 7 Speed Gears

A detailed view of the 7-speed gear system on the INVANTI electric bike, illustrating how multiple gears allow for easy riding and decent speed across various terrains.

4.3 Braking System

The e-bike is equipped with front and rear dual 160MM large disc pad brakes for reliable stopping power.



INVANTI

Safe Electric Bicycles

The e-bike adopts front and rear dual 160MM large disc pad brakes system to ensure your safety.

Figure 4.3: Safe Electric Bicycles with Disc Brakes

This image showcases the front and rear dual 160MM large disc pad brake system of the INVANTI electric bike, emphasizing its role in ensuring rider safety.

5. MAINTENANCE

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

5.1 Battery Care

- Charge the 48V 10.4AH removable battery fully after each ride.
- Store the battery in a cool, dry place.
- Avoid fully discharging the battery to prolong its lifespan.



Figure 5.1: High Capacity Battery

This image provides a detailed view of the 48V 10.4AH removable battery integrated into the INVANTI electric bike's frame, highlighting its capacity for extended travel.

5.2 Tire and Suspension Care

- Regularly check the pressure of the 20"x3" fat tires.
- Keep suspension components clean and free of debris. The bike features full suspension with front fork and seat suspension.

INVANTI



ADJUSTABLE HANDLEBAR HEIGHT
Suitable for a wider range of people

Figure 5.2: 20"x3" Fat Tires

This image focuses on the 20"x3" fat tires of the INVANTI electric bike, illustrating their robust design suitable for various terrains including gravel, sand, beach, and snow roads.

INVANTI



1000W PEAK POWERFUL MOTOR


25 MPH
Max Speed


15°
Max Slope


1000 W
Peak Power

Figure 5.3: Dual Shock Absorbing Forks

A close-up view of the dual shock-absorbing forks on the INVANTI electric bike, highlighting their design for a comfortable and stable ride by absorbing impacts.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Bike not powering on	Battery off or discharged	Ensure battery is switched on and charged.
Motor not assisting	Pedal-assist level is zero or motor connection issue	Increase pedal-assist level on display. Check motor cable connections.
Brakes feel weak	Worn brake pads or loose cables	Inspect brake pads for wear and replace if necessary. Adjust brake cable tension.

7. SPECIFICATIONS

Feature	Specification
Bike Type	Folding Electric Bike
Motor	500W (Peak 1000W)
Max Speed	20-25 MPH
Battery	48V 10.4AH Removable
Pure Electric Range	25 Miles
Pedal-Assist Range	45 Miles
Tires	20"x3" Fat Tires
Suspension	Full Suspension (Front Fork & Seat)
Brakes	Front and Rear Dual 160MM Disc Brakes
Frame Material	High-Carbon Steel
Max Load Capacity	330 lbs (Bike), 110 lbs (Rear Rack)
Folded Dimensions	33.6"x17.3"x27.8"
Bike Weight	60.6 lbs

The INVANTI logo is located in the top left corner of the image. It consists of the word "INVANTI" in a white, sans-serif font, with a vertical orange bar to the left of the letter "I".A close-up, low-angle shot of a bicycle's front fork assembly. The two shock absorbers are highlighted with a bright blue, glowing effect. The background shows the spokes of a wheel and a portion of a tire. The text "DUAL SHOCK ABSORBING FORKS" is overlaid in the center in a bold, white font with a red shadow effect.

DUAL SHOCK ABSORBING FORKS

A red icon consisting of two vertical lines connected by a horizontal line at the top, resembling a double fork.

Double Fork

A red icon consisting of three wavy lines, resembling a cloud or a soft surface.

Comfortable

A red icon consisting of a stylized, jagged shape resembling a shock absorber.

Shock Absorbing

Figure 7.1: INVANTI Electric Bike Key Dimensions

This diagram provides key measurements of the INVANTI electric bike, including total length, wheelbase, standover height, reach, seat heights, and handlebar heights, along with recommended rider height, bike weight, and load capacity.

8. WARRANTY AND SUPPORT

INVANTI is committed to providing excellent customer service and support for your electric bike.

8.1 Warranty Information

Your INVANTI electric bike comes with a 12-month warranty. This warranty covers manufacturing defects and ensures a hassle-free experience from start to finish.

8.2 Customer Service

INVANTI provides 24/7 online after-sales service. If you have any questions or require assistance, please do not hesitate to contact us.

8.3 Assembly Support

This adult electric bike is 95% pre-assembled. For the remaining 5% assembly, easy-to-follow installation videos are available to

help customers quickly assemble our product.

8.4 Accessories

INVANTI offers specialized accessories for the Tide 2 E-bike. Please visit the INVANTI store homepage for details on available accessories, such as the rear cargo rack.

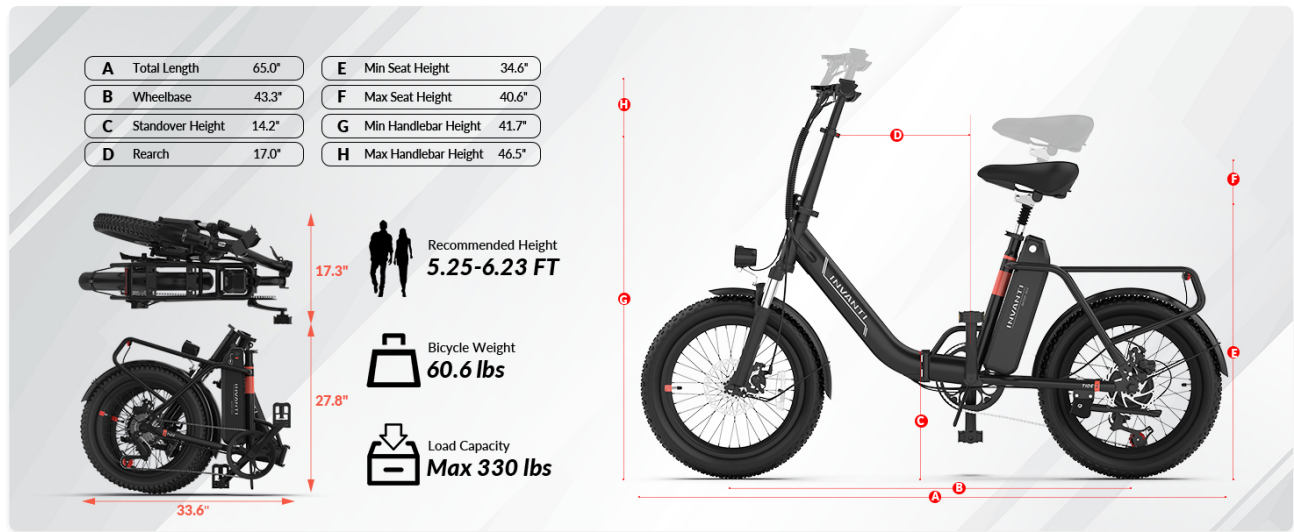


Figure 8.1: Rear Cargo Rack

This image displays the integrated rear cargo rack of the INVANTI electric bike, highlighting its strong load-carrying capacity for essentials like camping gear or picnic supplies during off-road trips.