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› ONESPORT OT16-2 Electric Folding Bike User Manual

## ONESPORT OT16-2

# ONESPORT OT16-2 Electric Folding Bike User Manual

Model: OT16-2

## INTRODUCTION

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Welcome to the ONESPORT OT16-2 Electric Folding Bike user manual. This guide provides essential information for the safe and efficient operation, maintenance, and care of your new electric bike. Please read this manual thoroughly before your first ride and keep it for future reference.

## SETUP

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### Unboxing and Initial Assembly

Your ONESPORT OT16-2 electric bike is delivered partially assembled. Carefully remove all packaging materials. The main frame is pre-assembled. You will need to attach the handlebars, pedals, and ensure all pre-installed components are securely fastened. It is recommended to check all screws and connections before your first ride.



Image: The ONESPORT OT16-2 Electric Folding Bike, showcasing its full size and design.

## Battery Charging

Before the first use, fully charge the removable 48V 17Ah lithium-ion battery. Connect the charger to the battery and then to a power outlet. The charging indicator will show the charging status. Once fully charged, disconnect the charger. The battery features a protection switch/lock for security and weather resistance.

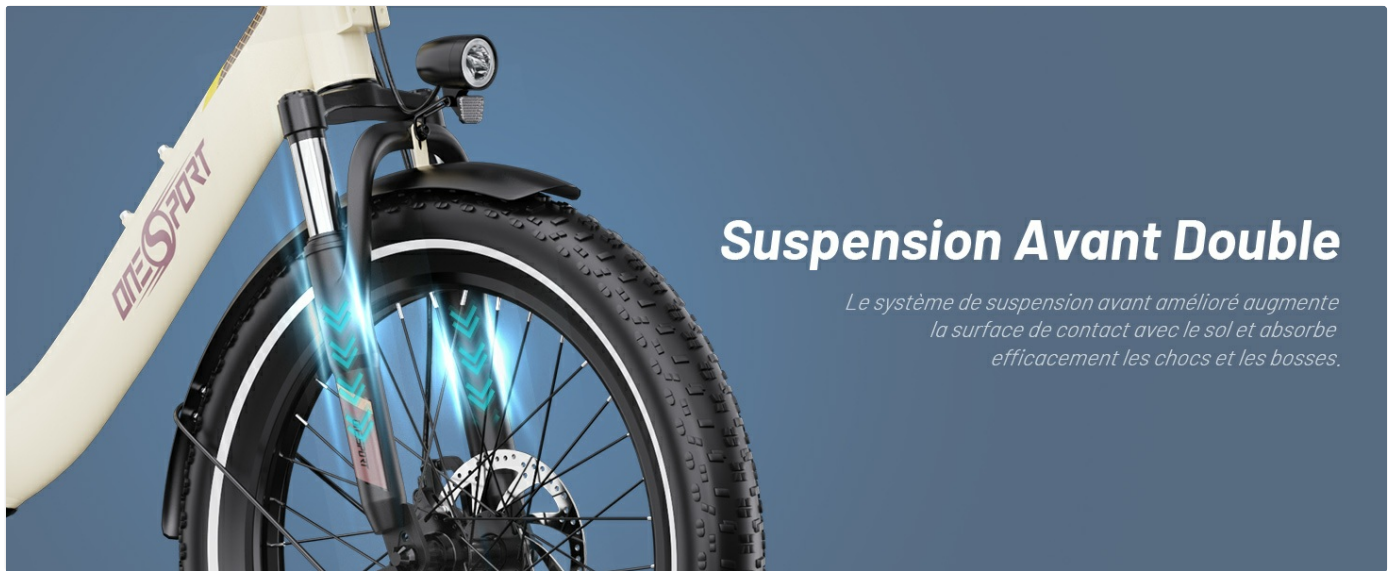


Image: The portable battery being charged, highlighting its removable design for convenient charging at home or office.

## OPERATING INSTRUCTIONS

### Folding and Unfolding the Bike

The ONESPORT OT16-2 is designed for easy folding and storage. To fold, locate the quick-release levers on the frame and handlebar stem. Follow the sequence of folding the pedals, handlebar stem, and then the main frame. Ensure all latches are securely engaged when unfolding the bike for riding.



Image: Visual guide demonstrating the simple steps to fold the bike for compact storage and transport.

Your browser does not support the video tag.

Video: A demonstration of folding and unfolding the ONESPORT OT16-2 electric bike, highlighting its portability for urban commuting and public transport.

### LCD Display and Controls

The intelligent LCD display provides real-time information about your ride. It shows current speed, battery power level, pedal assist system (PAS) levels, and mileage. Use the control buttons near the display to adjust settings and view different metrics.



Image: The intelligent LCD screen and handlebar controls, detailing the various indicators for speed, battery, and pedal assist.

## Riding Modes

The bike offers three distinct riding modes and multiple pedal assist levels to suit your preference and terrain:

- **Electric Mode:** Fully motor-powered, no pedaling required.
- **Pedal Assist Mode:** Combines your pedaling effort with motor assistance. Choose from 3 levels of assistance.
- **Classic Bike Mode:** Ride as a traditional bicycle without any electrical assistance.



Image: An overview of the four available riding modes, explaining how each mode functions.

## App Connection

Connect your ONESPORT OT16-2 to the dedicated mobile application via Bluetooth. The app allows you to monitor the bike's status, including mileage, light control, speed, and battery power. You can also remotely lock the bike for added security.



Image: The bike's app connectivity feature, showing how to monitor and control various functions from a smartphone.

## MAINTENANCE

### Battery Care

To prolong battery life, avoid fully discharging it. Charge regularly, especially if the bike will be stored for an extended period. Store the battery in a cool, dry place. The removable design allows for convenient indoor charging.

### General Inspection

Regularly inspect your bike for wear and tear. Check tire pressure before each ride. Ensure brakes are functioning correctly and brake pads are not excessively worn. Verify that all bolts and quick-release levers are tightened. Pay attention to the wheels for any signs of warping and address them promptly to maintain safe riding conditions.

### Cleaning

Clean your bike with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components. Dry thoroughly after cleaning.

## TROUBLESHOOTING

### Common Issues

- **Motor not engaging:** Check battery connection and charge level. Ensure the display is on and the correct assist mode is selected.
- **Gears not shifting smoothly:** Inspect the derailleur and chain for proper alignment and lubrication. Adjust the gear cable tension if necessary.
- **Brakes feel weak:** Check brake pad wear and adjust brake cable tension. Ensure disc rotors are clean and free from oil.
- **Warped wheels or tire issues:** If wheels appear warped or tires frequently lose pressure, consult a professional bike mechanic. Ensure tires are correctly seated on the rim.
- **Display not working:** Check all cable connections to the display and ensure the battery is charged and connected.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact customer support.

## PRODUCT SPECIFICATIONS

| Feature                        | Specification                                                         |
|--------------------------------|-----------------------------------------------------------------------|
| Brand                          | ONESPORT                                                              |
| Model Number                   | OT16-2                                                                |
| Age Range                      | Adult                                                                 |
| Bike Type                      | Road Bike, Foldable Bike                                              |
| Brake Type                     | Disc                                                                  |
| Frame Material                 | Iron                                                                  |
| Number of Speeds               | 7                                                                     |
| Power Source                   | Lithium-ion Battery                                                   |
| Wattage                        | 250 Watts                                                             |
| Wheel Size                     | 20 Inches                                                             |
| Suspension Type                | Fork Suspension                                                       |
| Special Features               | Adjustable Handlebar, Odometer, Foldable, Portable, Adjustable Saddle |
| Included Components            | Luggage Rack, Bag, Tool Kit                                           |
| Product Dimensions (L x W x H) | 165.1 x 55.88 x 121.92 cm                                             |
| Item Weight                    | 29.94 kilograms                                                       |

## WARRANTY AND CUSTOMER SUPPORT

The ONESPORT OT16-2 Electric Folding Bike comes with a 30-day unconditional return policy and a 365-day limited warranty covering manufacturing defects. For any issues or inquiries, please contact ONESPORT customer support. We are committed to providing 100% satisfactory after-sales service.

For more information or to contact support, please visit the official[ONESPORT Store on Amazon](#).

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### 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

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