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## Misodo F30

# Misodo F30 Folding Electric Bike Instruction Manual

Model: F30 | Brand: Misodo

## 1. INTRODUCTION

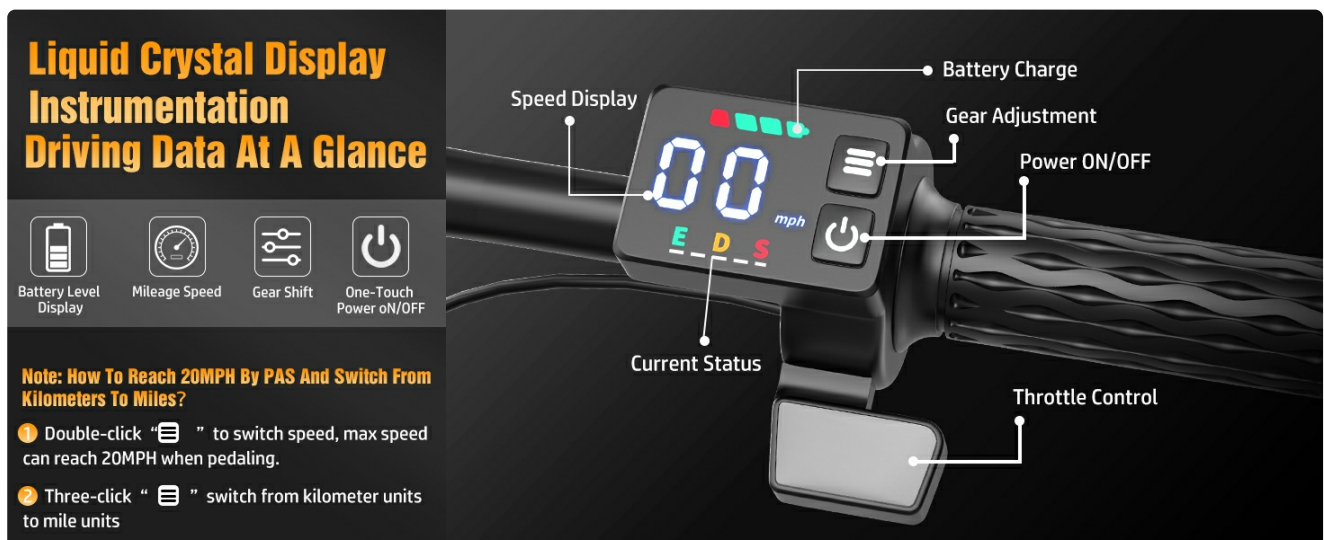
This manual provides essential information for the safe and efficient operation, maintenance, and care of your Misodo F30 Folding Electric Bike. Please read this manual thoroughly before your first ride and keep it for future reference. The Misodo F30 is designed for adult riders, featuring a powerful motor, long-lasting battery, and a compact foldable design for convenient commuting and travel.

## 2. SETUP AND ASSEMBLY

Your Misodo F30 electric bike comes partially assembled. Follow these steps for initial setup and adjustments:

### 2.1 Unfolding the Bike

The Misodo F30 features a three-step quick fold mechanism. Carefully unfold the frame until it locks securely into place. Ensure all locking mechanisms are engaged before riding.



The Misodo F30 features a three-step quick fold design for easy transport and storage, making it convenient for car trunks, elevators, and small living spaces.

### 2.2 Adjusting Handlebars and Seat

The handlebars and seat are height-adjustable to accommodate various rider heights. Loosen the quick-release clamps, adjust to your preferred height, and securely fasten the clamps. Ensure the handlebar is aligned with the front wheel.

# Parameter Information

- 4'11"-6'3"** Recommended Height
- MAX 385 LBS** Maximum Load
- 55 LBS** Scooter Weight
- 33.4"-45.6"** Adjustable Height
- 27.5"-35.4"** Adjustable Seat
- 20"** Handle Width
- 41.7"** Bike Height
- 35.4"** Highest Seat
- 27.5"** Lowest Seat
- 20.4"** Tire To Seat
- 14.1"** Tire Width
- 50.7"** Bike Width

Key dimensions and weight specifications for the Misodo F30 electric bike. Recommended rider height is 4'11"-6'3", maximum load capacity is 385 lbs, and the scooter weight is 55 lbs. Handlebar height is adjustable from 33.4"-45.6" and seat height from 27.5"-35.4".

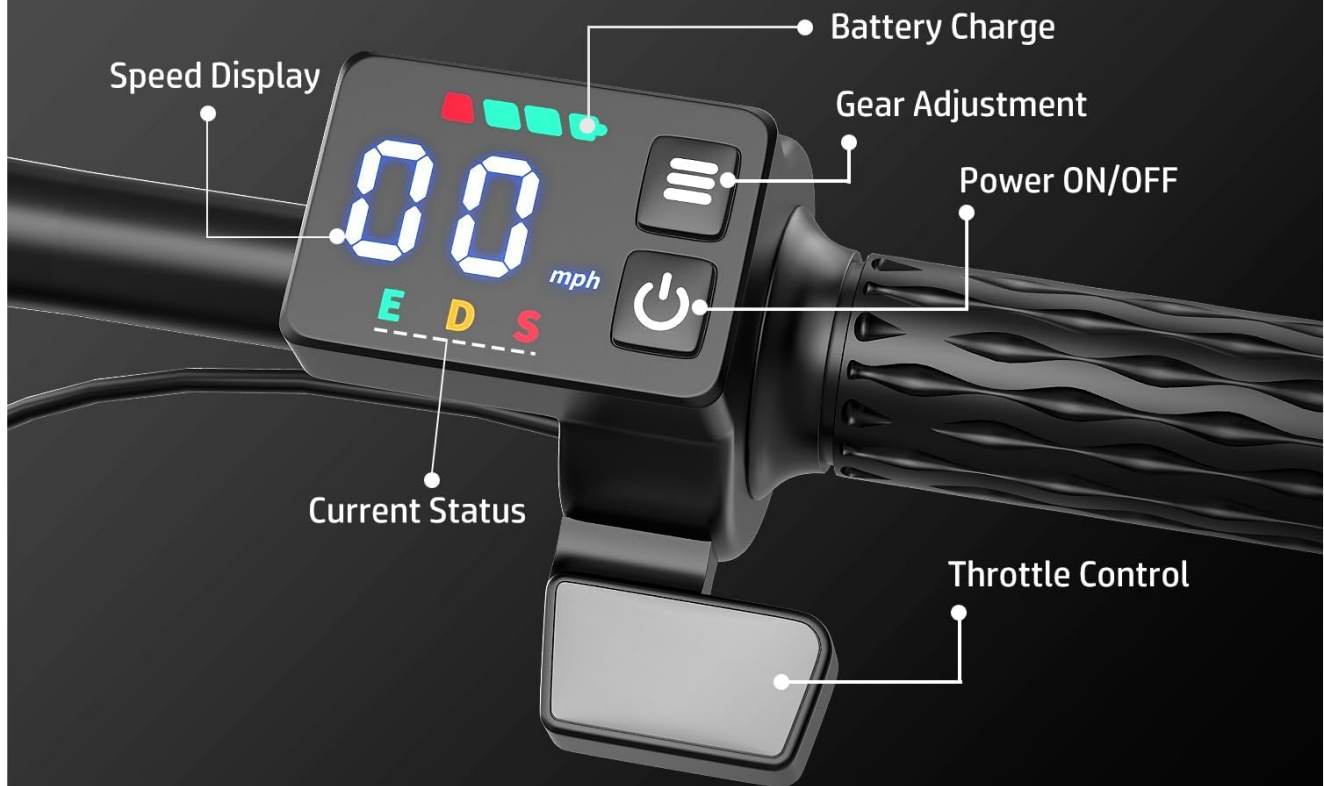
## 3. OPERATING INSTRUCTIONS

### 3.1 Powering On/Off and Controls



The bike can be powered on and off using the controls on the handlebar. The Liquid Crystal Display (LCD) provides real-time riding data.

# Liquid Crystal Display Instrumentation

## Driving Data At A Glance



### Note: How To Reach 20MPH By PAS And Switch From Kilometers To Miles?

1. Double-click “” to switch speed, max speed can reach 20MPH when pedaling.
2. Three-click “” switch from kilometer units to mile units

The clear LCD display provides essential driving data at a glance, including speed, battery charge, and current status. Double-click the 'M' button to switch speed levels (max 20MPH in PAS mode) and triple-click to switch between kilometer and mile units.

### 3.2 Riding Modes

The Misodo F30 offers three versatile riding modes:

- **Pure Electric (Throttle Mode):** For effortless cruising without pedaling.
- **Pedal Assist (PAS):** Provides motor assistance while you pedal, with 3 adjustable speed levels.
- **Normal Bike Mode:** For traditional cycling without motor assistance.

# 14" Pneumatic Tire & 3 Riding Modes



Throttle Mode



Pedal Assist



Walk Assist

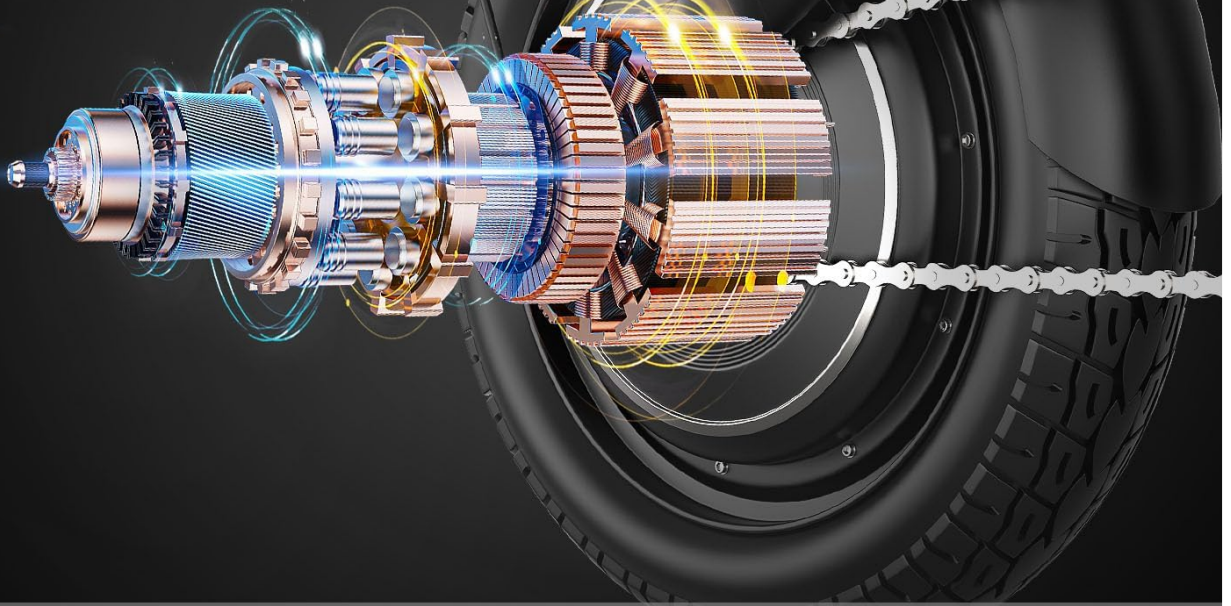


The Misodo F30 offers three versatile riding modes: Pure Electric (Throttle Mode) for effortless cruising, Pedal Assist (with 3 speed levels) for a boosted pedaling experience, and Normal Bike (Walk Assist) for traditional cycling.

### 3.3 Motor and Performance

The bike is equipped with a 1200W peak brushless motor (500W continuous power) capable of reaching a top speed of 25MPH in Pedal Assist mode and handling inclines up to 20 degrees.

# 1200W High-Energy Brushless Motor



**1200W**  
High Power

**25MPH**  
Top Speed

**45Miles**  
Maximum Mileage

**20°UP**  
HILL

The Misodo F30 is equipped with a 1200W peak brushless motor, providing robust performance and efficient power delivery.

### 3.4 Safety Features

- **Braking System:** Responsive brakes ensure stable performance in various conditions.
- **Lighting:** Bright LED headlight, rear light, and warning lights enhance visibility for day and night riding.
- **Suspension:** A 6-point shock absorption system (fork damping, center shock, and rear shocks) minimizes bumps for a smoother ride.

## Keeping You Safe

Provide safer riding whether day or night



For enhanced safety, the Misodo F30 is equipped with a bright LED headlight, a rear brake light, and additional warning lights, ensuring visibility day and night.

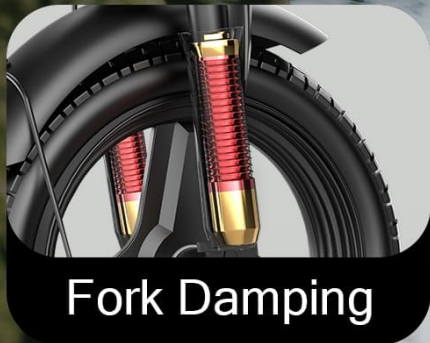
## High-Efficiency Brake

Responsive brakes deliver more stable performance in rainy, snowy, and muddy conditions.



Responsive brakes ensure stable performance in various conditions, contributing to a safer ride.

# Multi-Vibration Damping



The Misodo F30 features a 6-point shock absorption system, including fork damping, a center shock, and rear shocks, to minimize bumps and enhance ride comfort.

## 4. BATTERY AND CHARGING

The Misodo F30 is powered by a smart 48V 10Ah removable lithium battery, offering a range of up to 45 miles per charge. The battery features advanced BMS protection and a water-resistant design.

# 48V 10AH Lithium Ion Battery



**48V 10AH**

High Power

**BMS**

Safe & Reliable

**45Miles**

Maximum Mileage

**3-5HOURS**

Charging Time

**IPX7**

Waterproof

The 48V 10Ah removable lithium battery offers up to 45 miles per charge and features advanced Battery Management System (BMS) protection and water-resistant design.

## 4.1 Charging Instructions

To charge the battery, connect the provided charger to the charging port on the battery and then to a standard power outlet. A full charge typically takes 3-5 hours. Ensure the charging port is dry before connecting the charger.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your electric bike.

- **Cleaning:** Wipe down the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tires:** Regularly check tire pressure and inflate to the recommended PSI.
- **Brakes:** Inspect brake pads and cables for wear and proper function. Adjust as needed.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge it to 50-70% and recharge every 1-2 months.

- **Fasteners:** Periodically check all bolts and fasteners to ensure they are tight.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Misodo F30 electric bike. For more complex problems, please contact customer support.

- **Bike not powering on:** Check if the battery is properly installed and charged. Ensure the power button on the display is pressed.
- **Motor not assisting:** Verify that Pedal Assist mode is active and the battery has sufficient charge. Check for any error codes on the LCD display.
- **Reduced range:** This could be due to low tire pressure, riding in higher assist modes, or riding against strong headwinds. Ensure the battery is fully charged before each ride.

## 7. SPECIFICATIONS

Feature	Specification
Bike Type	Electric Bike
Age Range (Description)	Adult
Brand	Misodo
Number of Speeds	3
Color	Black
Wheel Size	14 Inches
Frame Material	Alloy Steel
Suspension Type	Dual Suspension
Special Feature	Adjustable Handlebar Height, Adjustable Seat Height
Included Components	Electric Bike x1
Model Name	F30
Brake Style	Rear Braking
Manufacturer	Huizhou Beirui Technology co., Ltd.

## 8. WARRANTY INFORMATION

The Misodo F30 Folding Electric Bike comes with a **3-Year Limited Warranty**. Please retain your proof of purchase for any warranty claims. For detailed terms and conditions, refer to the warranty card included with your product or

contact customer support.

## **9. CUSTOMER SUPPORT**

For any questions, technical assistance, or warranty inquiries, please refer to the contact information provided on the product packaging or the official Misodo website. Always provide your model number (F30) and purchase details when contacting support.