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## Tifgalop ES7PRO-Double motor-21Ah-Noir

# Tifgalop Electric All-Terrain Bicycle User Manual

Model: ES7PRO-Double motor-21Ah-Noir

## INTRODUCTION

Welcome to the Tifgalop Electric All-Terrain Bicycle user manual. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your new e-bike. Please read it thoroughly before your first ride to ensure optimal performance and safety.

## SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear, such as gloves and knee pads, when riding. Adhere to all local traffic laws and regulations.

- Perform a pre-ride inspection before each use, checking brakes, tire pressure, battery level, and all connections.
- Do not operate the e-bike under the influence of alcohol or drugs.
- Avoid riding in adverse weather conditions, such as heavy rain, snow, or strong winds, which can compromise control and visibility.
- Be aware of your surroundings and other road users.
- Ensure all quick-release mechanisms are securely fastened before riding.

## PACKAGE CONTENTS

The following items are included in your Tifgalop Electric Bicycle package. Please verify all components upon receipt:

- Tifgalop Electric Bicycle Frame and Wheels
- Charger
- Electric Vehicle Tool Kit
- User Manual
- Rearview Mirror
- Helmet
- Mobile Phone Holder
- Electric Vehicle Lock

## SETUP AND ASSEMBLY

Your Tifgalop Electric Bicycle requires some assembly before its first use. Please follow these steps carefully:

1. Unpack all components from the box and lay them out. Verify against the package contents list.
2. Attach the front wheel to the front fork, ensuring the axle is properly seated and secured.
3. Install the handlebars into the stem, aligning them correctly and tightening the bolts.
4. Mount the pedals, noting that the left pedal (L) and right pedal (R) have different threads.
5. Insert the seat post into the frame and adjust the saddle height for comfortable riding, then secure it.
6. Fully charge the battery before your first ride. This typically takes 6 to 8 hours.



Front view of the Tifgalop Electric Bicycle, showing the handlebars, front wheel, and headlight.



Side view of the Tifgalop Electric Bicycle, highlighting the frame, wheels, and suspension system.



Rear view of the Tifgalop Electric Bicycle, showing the rear rack, taillight, and rear wheel.

## OPERATING INSTRUCTIONS

Familiarize yourself with the controls and features of your Tifgalop e-bike for an optimal riding experience.

### Battery and Charging

The e-bike is equipped with a removable 52V 21Ah lithium-ion battery, providing reliable power for your rides.

- **Charging Time:** Approximately 6 to 8 hours for a complete charge.
- **Max Range:** Up to 40-80 kilometers (25-50 miles) in Pedal Assist System (PAS) mode, depending on terrain, rider weight, and assist level.

# 52V 21AH lithium battery

Larger Capacity Stronger Endurance



The integrated 52V 21Ah lithium battery, designed for larger capacity and stronger endurance.

## Display and Controls

The intuitive LCD screen accurately obtains and displays riding data.

- **Power On/Off:** Press and hold the power button on the display to turn the e-bike on or off.
- **Assist Modes (PAS):** Use the control buttons to select different levels of pedal assist, from minimal assistance to full power.
- **Information Display:** The screen shows current speed, distance traveled, battery level, and selected assist mode.

# SHIMANO 7 SPEED GEARS

DURABILITY  
RELIABILITY



CONQUER  
CLIMB



TAKE ON  
ALLTERRAIN



The LCD screen provides essential riding data, including speed and battery status.

## Dual Motor System

This e-bike features a powerful brushless dual motor system for enhanced performance and climbing ability.

- **Torque:** 80N·M\*2, providing strong acceleration and hill-climbing capability.
- **Max Uphill:** Capable of climbing inclines up to 40 degrees.

# BLUSHLESSMOTOR

## Dual drive



Motor

Dual motors



Torque

80N·M\*2



Uphill

Max 40°

Illustration of the brushless dual drive motor system, highlighting its power and torque.

### Gearing

The Shimano 7-speed gear system allows for versatile riding on various terrains, from flat roads to challenging inclines.

# LCD SCREEN

Accurately Obtains Riding Data



**Dual hydraulic disc brakes**



**Shorter braking distance  
makes riding safer**

The Shimano 7-speed gears ensure durability, reliability, and the ability to conquer climbs.

## Braking System

Equipped with dual hydraulic disc brakes, providing reliable stopping power and shorter braking distances for enhanced safety.

# SHIMANO 7 SPEED GEARS

DURABILITY  
RELIABILITY



CONQUER  
CLIMB



TAKE ON  
ALLTERRAIN



The dual hydraulic disc brakes contribute to a safer riding experience by providing efficient stopping power.

## Suspension System

The dual suspension system effectively alleviates road impact and rebound, providing a smoother ride on varied terrains.

- **Rear Independent Suspension:** Absorbs shocks from the rear wheel.
- **Front Fork Downhill Suspension:** Handles impacts from the front wheel, ideal for rough trails.



The dual suspension system, including rear independent suspension and front fork downhill suspension, designed to absorb shocks.

## Fat Tires

The 26"x4.0" fat tires are designed to adapt to all terrains, providing stability and grip.

- Suitable for Snow Road, Sand Road, Gravel Road, and City Road.

# 26" \* 4.0 FAT TIRES

**FAT TIRES** Adapt  
to **ALL** Terrain

- Snow Road**
- Sand Road**
- Gravel Road**
- City Road**

The 26"x4.0" fat tires are versatile for various terrains, including snow, sand, gravel, and city roads.

## MAINTENANCE

Regular maintenance ensures the longevity, safety, and optimal performance of your Tifgalop e-bike.

- **Tire Pressure:** Check tire pressure regularly and maintain it according to the recommended levels printed on the tire sidewall.
- **Brakes:** Inspect brake pads and rotors for wear. Replace pads when worn and ensure rotors are clean and free of damage. Adjust brake levers for proper engagement.
- **Chain:** Keep the chain clean and lubricated to prevent rust and ensure smooth gear changes.

- **Battery Care:** Store the battery in a cool, dry place. Charge regularly, even when not in use, to maintain battery health and extend its lifespan. Avoid fully discharging the battery.
- **Cleaning:** Clean the bike with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components, bearings, or seals.
- **Fasteners:** Periodically check all bolts, nuts, and quick-release levers to ensure they are securely tightened.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your Tifgalop Electric Bicycle and provides potential solutions.

Problem	Possible Cause	Solution
E-bike does not power on	Battery not charged or not properly connected; Power button not pressed correctly.	Ensure battery is fully charged and securely seated. Press and hold the power button for a few seconds.
Motor not assisting	Pedal Assist System (PAS) level is too low or off; Sensor issue; Loose motor connection.	Increase the PAS level on the display. Check for any visible damage to sensors or cables. Ensure motor connections are secure.
Brakes squealing or ineffective	Dirty rotors or worn brake pads; Brake cable tension incorrect.	Clean rotors with disc brake cleaner. Inspect and replace worn brake pads. Adjust brake cable tension or bleed hydraulic brakes if necessary.
Gears not shifting smoothly	Derailleur out of adjustment; Dirty or dry chain; Damaged shift cable.	Adjust derailleur limits and indexing. Clean and lubricate the chain. Inspect shift cables for fraying or damage.

## SPECIFICATIONS

Detailed technical specifications for your Tifgalop Electric All-Terrain Bicycle:

Feature	Detail
Age Range	Adult
Bike Type	All-Terrain Bike
Brakes	Dual Hydraulic Disc Brakes

Feature	Detail
Model Color	ES7PRO-Double motor-21Ah-Noir
Battery Size	52V/21Ah
Style	ES7-Double motor-Noir
Frame Material	Aluminum
Frame Size	Large
Number of Speeds	7
Power Source Type	Electric Motor
Special Features	Taillight
Suspension	Full Suspension
Wheel Size	26 Inches
Included Components	Charger, Electric vehicle tool kit, Manual, Rearview mirror, Helmet, Mobile phone holder, Electric vehicle lock
Brand	Tifgalop
Manufacturer	Dongguan Yabaoxun Technology Co., Ltd.
Item Model Number	52V/21Ah
Product Dimensions (L x W x H)	172.72 x 30.48 x 84.33 cm (68 x 12 x 33.2 inches)
Product Weight	45 kilograms (99.2 lbs)
Recommended Height	5'7"-6'5"
Max Load Capacity	330 lbs

# DUAL SUSPENSION SYSTEM

Effectively alleviate road impact and rebound



Detailed size reference for the Tifgalop Electric Bicycle, including total length, seat height, and total height.

## WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Tifgalop Electric Bicycle, please refer to the contact details provided with your purchase documentation. You may also visit the official Tifgalop store on Amazon for further assistance and product information.

[Visit the Tifgalop Store on Amazon](#)