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› [Tifgalop](#) /

› Tifgalop ES7 Electric All-Terrain Bicycle User Manual

Tifgalop ES7-19Ah

Tifgalop ES7 Electric All-Terrain Bicycle User Manual

INTRODUCTION

Welcome to your new Tifgalop ES7 Electric All-Terrain Bicycle. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your e-bike. Please read this manual thoroughly before your first ride to ensure optimal performance and safety. Keep this manual for future reference.

SAFETY INFORMATION

General Safety Guidelines

- Always wear a helmet and appropriate safety gear when riding.
- Obey all local traffic laws, regulations, and road signs.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and other road users.
- Ensure proper lighting is used for night riding or low-light conditions.
- Keep hands and feet away from moving parts, such as the chain and wheels.
- Do not exceed the maximum load capacity of 550 lbs (approximately 250 kg).

Battery Safety

- Use only the charger provided by Tifgalop for your ES7 e-bike.
- Do not expose the battery to extreme temperatures, direct sunlight, or fire.
- Do not puncture, drop, or damage the battery. If damaged, discontinue use and contact support.
- Charge the battery in a well-ventilated area, away from flammable materials.
- Do not leave the battery charging unattended for extended periods.

PACKAGE CONTENTS

The Tifgalop ES7 Electric All-Terrain Bicycle package typically includes the following items:

- Tifgalop ES7 Electric Bicycle (main unit)
- Battery Charger

- Electric Vehicle Tool Kit
- User Manual (this document)
- Rearview Mirror
- Helmet
- Mobile Phone Holder
- Electric Vehicle Lock

SETUP AND ASSEMBLY

Your Tifgalop ES7 e-bike comes partially assembled. Follow these steps for final assembly:

1. Unpacking

- Carefully remove all components from the packaging.
- Inspect all parts for any signs of shipping damage. Contact customer service immediately if damage is found.

2. Handlebar Installation

- Attach the handlebars to the stem, ensuring they are centered and tightened securely with the provided tools.
- Adjust the angle of the handlebars for a comfortable riding position.

3. Front Wheel Installation

- Install the front wheel, ensuring the brake rotor is correctly seated within the brake caliper.
- Secure the quick-release skewer or axle nuts firmly.

4. Pedal Installation

- Identify the left (L) and right (R) pedals. The left pedal threads counter-clockwise, and the right pedal threads clockwise.
- Thread the pedals into the crank arms by hand, then tighten firmly with a wrench.

5. Seat Post Installation

- Insert the seat post into the frame.
- Adjust the seat height for comfortable pedaling, ensuring a slight bend in your knee at the bottom of the pedal stroke.
- Secure the quick-release lever or bolt firmly.

6. Battery Installation and Initial Charge

- Insert the battery into its compartment in the frame. Ensure it clicks securely into place.
- Before first use, fully charge the battery. A full charge typically takes approximately 6-8 hours.

7. Accessory Attachment

- Attach the rearview mirror, phone holder, and any other included accessories as desired.

8. Pre-Ride Check

- Before your first ride and every subsequent ride, double-check that all bolts, nuts, and quick releases are tightened.
- Verify brake function, tire pressure, and battery charge level.

OPERATING INSTRUCTIONS

Powering On/Off

To turn the e-bike on or off, press and hold the power button located on the LCD display unit until the screen illuminates or shuts down.

LCD Display Functions

The integrated LCD display provides real-time riding data and allows you to control various functions of your e-bike.



The LCD display shows key riding information and controls.

- **Battery Level:** Indicates the remaining charge of your 52V 19Ah battery.
- **Current Speed:** Displays your current riding speed.
- **Pedal Assist Level (PAS):** Shows the current level of electric assistance (e.g., 1-5).
- **Mileage:** Tracks your trip distance or total odometer reading.

Use the control buttons near the display to cycle through information, adjust pedal assist levels, and access settings.

Riding Modes

Your Tifgalop ES7 offers three distinct riding modes:

- **Pedal Assist Mode (PAS):** In this mode, the electric motor provides assistance as you pedal. You can select different assist levels to vary the amount of power provided by the motor. This mode is ideal for extending range and reducing effort.
- **Electric Mode (Throttle):** This mode allows you to ride using only the electric motor, without pedaling. Engage the throttle for full electric power, similar to a scooter.
- **Sport Mode (Manual):** In Sport Mode, the electric motor is disengaged, and you ride the bicycle purely by pedaling, like a traditional non-electric bicycle.

Gear Shifting

The 7-speed transmission system allows you to easily adjust gears to match different terrains and riding conditions. Shift gears smoothly by pedaling lightly while operating the shifter on the handlebars.

Braking

The e-bike is equipped with dual hydraulic disc brakes for reliable and powerful stopping. Apply both front and rear brakes simultaneously and gradually for effective and safe braking. Avoid sudden, hard braking, especially at high speeds.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Tifgalop ES7 e-bike.

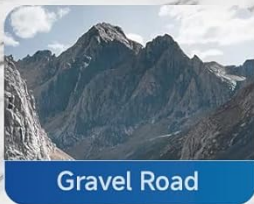
Battery Care

- Charge the battery regularly, even if the e-bike is not in frequent use, to prolong its lifespan.
- Avoid completely draining the battery before recharging.
- Store the battery in a cool, dry place when not in use, ideally between 10°C and 25°C (50°F and 77°F).

Tire Pressure

26" * 4.0 FAT TIRES

FAT TIRES Adapt
to **ALL Terrain**



The 26x4 inch fat tires are designed for various terrains.

- Regularly check and maintain the recommended tire pressure for the 26x4 inch fat tires. Proper pressure is crucial for optimal performance, comfort, and safety. Refer to the tire sidewall for recommended pressure ranges.

Brake System

- Inspect brake pads and rotors for wear or damage regularly. Replace worn brake pads promptly.
- Ensure brake levers are responsive and provide adequate stopping power. Adjust brake cable tension if necessary, or consult a professional for hydraulic brake maintenance.

General Cleaning

- Clean your e-bike with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components, bearings, or seals.
- Lubricate the chain periodically with bicycle-specific chain lubricant to ensure smooth operation and prevent rust.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Tifgalop ES7 e-bike.

E-bike Not Powering On

- **Check Battery Charge:** Ensure the battery is fully charged.
- **Battery Seating:** Verify that the battery is correctly inserted and securely locked into its compartment.
- **Power Button:** Confirm you are pressing and holding the power button on the LCD display for the required duration.

Motor Not Assisting

- **Pedal Assist Level:** Check the LCD display to ensure a pedal assist level (PAS) is selected and not set to '0'.
- **Battery Charge:** Ensure the battery has sufficient charge.
- **Connections:** Inspect all visible electrical connections for looseness or damage.

Brakes Squealing or Ineffective

- **Brake Pads:** Inspect brake pads for wear, contamination (oil/grease), or glazing. Replace if necessary.
- **Brake Rotors:** Check brake rotors for damage or warping.
- **Adjustment:** Ensure brake calipers are properly aligned. If issues persist, consult a professional bicycle mechanic.

Unusual Noises During Ride

- **Stop Immediately:** If you hear any unusual or loud noises, stop riding safely and inspect the e-bike.
- **Loose Components:** Check for any loose bolts, nuts, or components.
- **Chain/Drivetrain:** Inspect the chain for proper tension and lubrication. Check for any foreign objects caught in the drivetrain.
- **Tires/Fenders:** Ensure tires are not rubbing against fenders or the frame.

SPECIFICATIONS

Below are the detailed specifications for the Tifgalop ES7 Electric All-Terrain Bicycle:

Feature	Specification
Brand	Tifgalop
Model Number	52V/19Ah
Bike Type	Electric Mountain Bike
Age Range	Adult
Frame Material	Aluminum
Wheel Size	26 Inches
Tire Type	26x4.0 Inch Fat Tires
Suspension Type	Full Suspension (Dual Suspension)

Number of Speeds	7
Brakes	Dual Hydraulic Disc Brakes
Motor	High-speed Brushless Motor (80 N·M torque)
Battery	52V 19Ah Lithium-ion
Charging Time	Approx. 6-8 hours
Range	45-90 kilometers (depending on mode)
Special Features	Digital Display, Dual Disc Brake, Dual Suspension, Mudguards, Headlight
Product Dimensions (L x W x H)	172.72 x 30.48 x 84.33 cm
Product Weight	41.5 kg
Max Load Capacity	550 lbs (approx. 250 kg)
Country of Origin	China

5'7"-6'5"
Recommended Height

78.5LBS
Ebike Weight

550LBS
Max Load Capacity



A	Total Length	82.6"	209.8cm
B	Seat Height Mix	32.2"	81.8cm
C	Maximum Seat Height	40.9"	103.8cm
D	Top Tube Length	27.5"	69.8cm
E	Total Height	47.2"	119.8cm

Detailed dimensions and recommended rider height for the Tifgalop ES7.

WARRANTY AND SUPPORT

Tifgalop electric bicycles are backed by a 180-day warranty, ensuring your peace of mind regarding manufacturing defects and component failures under normal use.

Additionally, lifetime technical support is provided for your Tifgalop ES7 e-bike. Should you encounter any problems, have questions about operation, or require assistance with maintenance, please do not hesitate to contact Tifgalop customer service. Contact information can typically be found on the seller's page or within the included documentation.