Operation and
Maintenance Manual

VITILAN T7 EBIKE

www.vitilanebike.com

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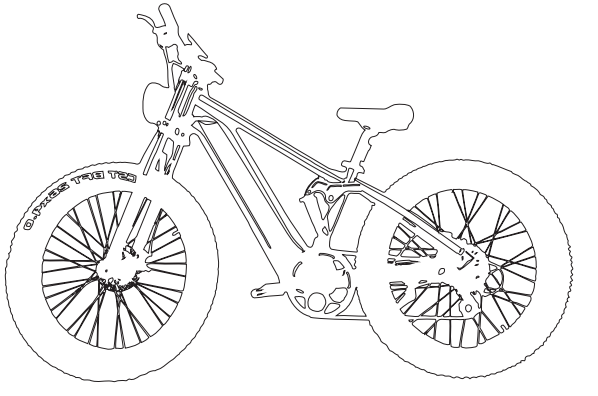


PLEASE NOTE:

This manual is not intended as a detailed user, service, repair or maintenance manual. Please seek assistance from a qualified technician for service, repairs or maintenance.

IMPORTANCE

When using the electric bicycle, basic safety precautions should always be followed, including the following:

1. Read all instructions.
2. To protect against fire, electric shock and injury to persons, do not immerse cords, plugs, or e-bikes in water or other liquid.
3. Close supervision is necessary when the e-bike is used by or near children.
4. Unplug frofrom the outletutlet when not in charging and before cleaning.
5. Do not operate the e-bike with a damaged cord or plug or after the e-bike malfunctions, or has been damaged in any manner. Take the e-bike to the nearest authorized service bike shop for examination, repair or adjustment.
6. The use of accessory attachments not recommended by the e-bike manufacturer may result in fire, electric shock or injury to persons.
7. Do waterproof when using on a rainy or snowy day.
8. Do not llet the cordord hang over the edge oof the tableble or counter, or touch hot surfaces.
9. Do not place on or near a hot gas or electric burner, or a heated oven.
10. Always attach the plug to the battery first, then plug the cord into the wall outlet.
11. Do not use the bike for other than intended use.
12. Save these instructions.

*Note that this is a general manual. VITILAN reserves the right to make changes to products and designs. The e-bike you own may not be the same style as the pictures shown in this manual.

SPECIFICATIONS

MODEL: T7

Frame Construction: Aluminum alloy

Gear Range: 8-Speed, 13-32T

Tire Size: 26''*4''

Climb Grade: 30 degree

Max load: 150KG (330lbs)

Max Speed: 28mph (Actual speed depends on road conditions, weather and rider weight)

Power: 750W

Battery Capacity: 48V, 20Ah, 960Wh Samsung li-ion battery

Battery Charger: US Standard 54.6V 3.0A Charger, Voltage 110-240V

Battery Operational Temperature: 0°to 40° Celsius (32°to 104°Fahrenheit)

Battery Life: Approximately 500-800 complete charge/discharge cycles

Folding risers: There is a toothed folding riser

Seat tube: 33.9*350MM aluminum alloy flip shock-absorbing seatpost

READ THIS FIRST:

Safety and Compliance with the Law

Congratulations on your purchase of your new e-bike. Your new e-bike is an excellent piece of personal transportation equipment that will give you good service for many years.
Before you start using your e-bike, we want you to be aware of a few important points. Please read this section carefully.

★ OBSERVE LAWS REGARDING THE USE OF BATTERY-OPERATED BICYCLES

Your e-bike is designed and manufactured to meet safety requirements as a battery-operated bicycle. However, state and local laws governing the use to battery-operated bicycles on public roadways, parks, and other open areas may differ. Please check with your local authority before using your e-bike in public areas.

★ OBSERVE LAWS REGARDING THE USE OF BICYCLES

Note that all laws regarding the use of bicycles in public areas, such as those mandating the use of helmets and the use of infant seats, will automatically apply toC e-bikes. Check with your local authority on what restrictions might apply.

★ THE LITHIUM-ION BATTERY OF YOUR E-BIKE

Your e-bike is equipped with the latest battery technology. The lithium-ion battery is much lighter than lead- or nickel-based batteries that are being used in some older models.

★ YOUR FIRST RIDE

Please be VERY CAREFUL when you are ready to get on your e-bike for the first time because that the e-bike moves significantly faster than a regular bicycle in active power-assisted mode. Take your e-bike to an area with a lot of open space before you start. Do not start pedaling hard as soon as you get on the e-bike (as you normally would be with a regular bicycle), as the e-bike will accelerate under pedal-assist mode and you may be unprepared for the sudden increase in speed. However, after a few times, you will enjoy using the pedal-assisted function.

COMPLETE PARTS INSPECTION

★ Check that the Package is Complete and Undamaged

- ★ Your e-bike comes in a carton containing the following:
- ★ The main body of the e-bike – consisting of the frame, the front and rear wheel, the gear and chain, the front and rear brake, the battery on the frame,and the rear fender.
- ★ The handlebar subassembly with the battery's keys that attached to it – the handlebar subassembly is not really separate, as it is connected to the main body by the brake cables and electrical wires. The handlebar also has the brake levers and gear control already assembled. Additionally, the handle also has an integrated control for the throttle mode power-assisted, a display panel.
- ★ The Seat – the seat is attached to its pedestal stem.
- ★ Tools and other parts –tools, one charger, a pair of foot pedals and this manual, are contained in a separate box.
- ★ Before the bike leaves the factory, the tire pressure is about half as low. Before riding, check for adequate air pressure.

PACKAGE CONTENTS

Carefully check package contents, if anything is missing or damaged, please contact Vitilan Support. Unpack the bike. Open the bike box and remove the small box inside. With the help of another person capable of safely lifting a heavy object, remove the bike from the bike box. Carefully remove the packaging material protecting the bike frame and components. Please recycle packaging materials especially cardboard and foam whenever possible. Open the small box and carefully set out all contents.

1×User Manual

Reflector

1×Spare Tire

2×Key

1×Front Light

2×Open-end Wrench
4×Allen Wrench
1×Metal Sheet

1×Charger

2×Pedal

1×Electric Bike

THE FIRST STEP IN ASSEMBLY

★ Assembly - Step 1: Attach the handlebar subassembly

1

Loosen secure the top of the faceplate. The Aluminum Mold Ring is only used for packaging protection. Please take it off.

2

Insert the handlebar into the fork locknut to the desired height.

3

Place the handlebar correctly on the stem and tighten the center screw.

4

Use the wrench to tighten the screws on the left and right sides of the stem.

Check it again to make sure the handlebar stem is in line with the top tube, then use the wrench to tighten the screw and fix the handlebar stem in place.

ASSEMBLY

★ Assembly - Step 2:

1

Loosen the nut of the front wheel, washer and nut together. Note: Do not twist out the nut

2

Line up the fork with the axle at the center of the wheel. Make sure there's a spacer between the fork and wheel on each side. Install safety hook gasket. and nut in turn.

3

Tighten the nut onto the fork with the No.15 wrench.

ASSEMBLY

★ Assembly - Step 3:

1

Align the headlight assembly and add non-slip spacers inside the assembly

2

Place the assembly and non-slip spacer in alignment and then tighten with long screws in alignment.

3

Align the headlight's with the holes at the very front of the assembly and secure with black screws, you will need to add spacers when securing with the screws.

4

Connect the light to the bike's power cable (yellow interface)

REMOVE THE BATTERY

★ Assembly - Step 4:

1

Ensure battery power is turned off. Insert the key and rotate until the keyhole is aligned with the unlockicon.

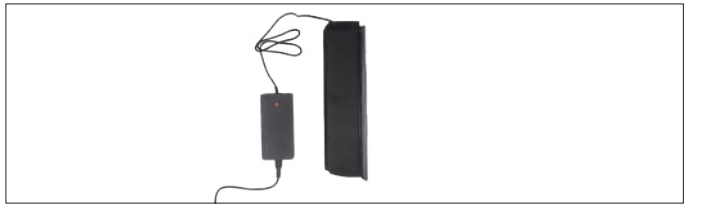
2

When the battery is unlocked, the battery can be removed but will not fall straight out. Rotate the switch on the battery, then the battery will be separated from the frame, please hold it in your hand and remove it slowly.

If you purchased your e-bike unassembled, please follow these instructions to assemble your e-bike under the guidance of an adult or a qualified technician. Assembly is quite easy as most of the parts are already assembled; you need only to put a few pieces together to complete the job.

CHARGE YOUR E-BIKE

★ Assembly - Step 5:



1

The battery can be charged off the bike. To remove the battery, turn the key to the UNLOCK position (see the previous remove battery section for details).

2

Connect tho DC output plug- from tho charger the charging port on the side of the battery.

3

lug the charger into a power outlet, charging should initiate and the LED indicator light on the charger will turn red. Once fully charged, the light turns green.

CHARGE YOUR E-BIKE

★ Assembly - Step 6:

1

Remove the rubber cover on the charging port on the right side of the battery.

2

Inspect the power switch markings to make sure the battery is off.

3

Plug the charger into the battery's charging port. With the battery on or off the bike, place the charger in a flat and secure place. Connect the DC output plug from the charger to the charging port on the side of the battery.

4

Plug the charger into a power outlet, charging should initiate and the LED indicator s light on the charger will turn red. Once fully charged, the light turns green. Unplug the charger from the wall outlet first and then remove the charger output plug from the battery charging port.

INSTALLING THE SEAT AND PEDALS

★ Assembly - Step 7:

Note the distinction:the installation of the left and right pedals.

1. Locate the right/left side pedal, which has the "R"/ "L" sticker attached.

2. Thread the right pedal onto the right crank gently by hand, turning clockwise. Then tighten the pedal with Allen Wrench.

3. Check the chain alignment. Rotate the right pedal and crank toward the back of the bike as though pedaling backward. Watch the chain and ensure the chain nuns through the drive train (the rear cog, chain tensioner, and around the front chainring) smoothly.

ADJUSTING THE SUSPENSION FORK

★ Assembly - Step 8:

The suspension fork can move up and down up to 60mm to cushion bumps in the riding surface, which can make riding on a rough road or trail smoother and more comfortable.Depending on a rider's preference, the suspension fork can be locked out as a rigid fork, which will typically yield higher efficiency while pedaling.

The lockout lever (1), located on top of the right side of the suspension fork, can be turned counterclockwise until it stops to completely lock out the suspension fork's travel.To unlock the lockout lever, turn the knob clockwise until it stops. When the lockout lever is unlocked, resistance can be adjusted by turning.

The preload adjustment knob (2), located on the top of the left side of the suspensionfork. To soften the ride, subtract resistance by turning the preload adjustment knob counterclockwise, in the direction of the small "-" on the knob. To make the suspension stiffer when going over bumps, add resistance by turning the preload adjustment knob clockwise, in the direction of the small "+" on the knob.

MOUNTING SEAT POST

★ Assembly - Step 9:

Before using the bike, always check to ensure all latches, levers, and quick releases are properly secured and undamaged. Check that they are correctly secured before every ride and after every time the bike is left unsupervised, even for a short time. Otherwise, the handlebar stem and/or seatpost may come loose and can result in loss of control, damage to the bike, property, serious injury, and/or death.

1 Product Name:

Color TFT display

Model: UKC1+

2 Supplier:

Tianjin UKriver Science and Technology Co., Ltd

3 Core Data

3.5 inch TFT screen
24V/36V/48V/52V/60V/72V power supply
Rated operating power : 1W
Max operating power : 5W
USB charging port : DC5V 500mA
Off leakage current < 1μA
Current supplied to controller : 1000mA~3000 mA
Operating temperature : -20~70℃
Storage temperature : -30~80℃

4 Appearance, Size and Material

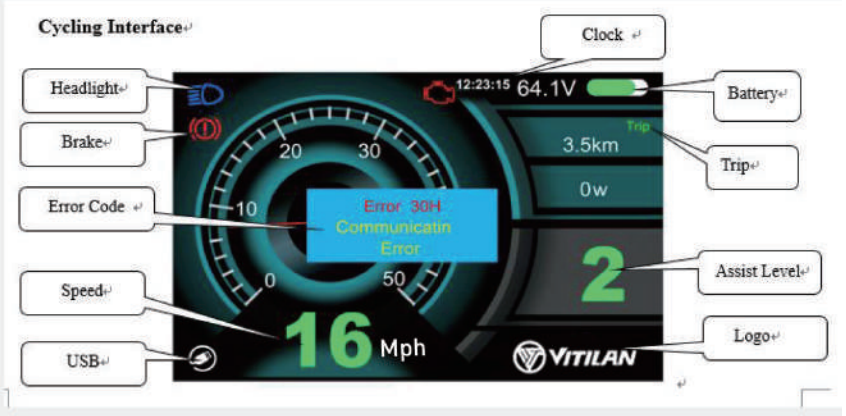
ABS product shell

The screen is transparent tempered glass. Product holder is made from glass fiber mixed with nylon.

5 Introduction to the Product

5. 1	Screen size	High-contrast 3.5inch TFT colorful matrix screen
5. 2	Speed indicator	RT SPEED，AVG SPEED and MAX Speed
5. 3	Speed unit	Km/h or Mile/h
5. 4	Battery status indicator	It can provide a stable power indication through the optimization algorithm. The power is not affected by the start-stop fluctuation of the motor. If the system supports battery communication, the accurate percentage of power will be displayed
5. 5	Backlight brightness	5 levels
5. 6	Assist levels	3/5/6/9
5. 7	Range indicator	ODO, Trip and riding time
5. 8	Clock	CMOS battery is built in. Clock time keeps rolling when the display is off.
5. 9	Output power indicator	It can displays real-time output power of the battery.
5. 10	Error indicator	Error code will be shown on the screen
5. 11	Speed limit	Can be adjusted
5. 12	Current limit	Can be adjusted
5. 13	Battery status indicator: battery communication is required to support this function	
5. 14	Endurance mileage: battery communication is required to support this function	
5. 15	USB charging port: It can provide rated charging for mobile devices with current 500mA/5V.	
5. 16	Program upgrading	Program can be updated and please refer to related files for operation
5. 17	Speed measurement magnetic steel	Can be set
5. 18	Power magnetic steel	Can be set

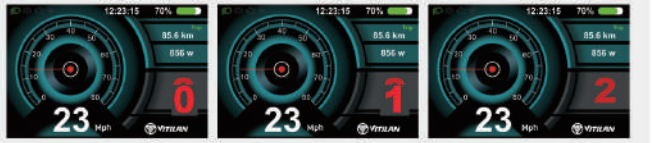
Cycling Interface



6. 1	RT speed	Km/h or MPH
6. 2	Battery indicator	Icon, icon and voltage, icon and current
6. 3	Headlight	
6. 4	Brake	
6. 5	Assist level	0~9. 0 is for natural. P: 6km push assist mode
6. 6	Error	
6. 7	Power	Real time power
6. 8	Mileage	TRIP, ODO, RIDING TIME
6. 9	Clock	Real-time clock time
6. 10	USB	
6.11	Temperature	℃

Keypad

7. 1	Power ON/OFF	Press and hold POWER button to turn on or turn off the display. The display will automatically shut down if you do not operate it for X minutes (X could be 0~9) . ***If a power-on password of the display has been set, you need to enter the correct password when starting.**
7. 2	Assist Level	Click on PLUS or MINUS to change the assist level. Top assist level is 9, 0 for neutral. When power is on, the default assist level is 1.
7. 3	Mileage	Press POWER button to switch mileage mode. TRIP→ODO→TIME.
7. 4	Headlight	Press and hold PLUS button to turn on or turn off the headlight and switch night/day mode. * It has 5 levels. For more details, please refer to 8.1 Brightness below.
7. 5	**Walk mode (6km/h push assist mode)**	Press and hold MINUS button longer than 1 second to enter 6km/h push assist mode. And the screen shows P. When release the button, it will exit the mode. * Some controllers may not support this function.



Assist Level

6km/h push assist mode

7 Keypad

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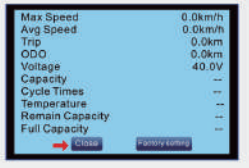
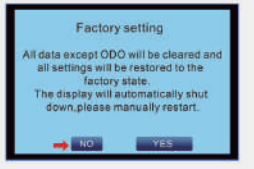
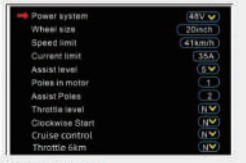
7.6	USB	For safety or engergy-saving, the USB is turned off by default. Long press M to turn on the USB and Long press M again to turn it off. DC 5V 500mA.When excessive current is detected, USB function will be automatically turned off, which can protect your deveices.
7.7	Data Zero out	Press PLUS and MINUS button simultaneously to zero out the data MAX SPEED、AVG SPEED、TRIP and riding TIME. * Data will not be cleared if the display or ebike is turned off.

MENU

Click M button twice quickly to enter the menu. Press M button twice quickly again to exit.
M: To save and confirm
PLUS/MINUS: To adjust the item

8.1	Brightness level	Press M button to enter the setting menu. Adjust the brightness level by pressing PLUS or MINUS button. 1 is the darkest, 5 is the brightest. Then click M button again to save your choice.
8.2	Unit system	Click on PLUS/MINUS to switch the item and click on M to save your choice. Unit system→ Metric/Imperial
8.3	Power indicator	Power indicator→ Percent /Voltage/OFF
8.4	Auto assist	Auto assist→ ON/OFF. If you turn it on, it will adjust the assist levels according to the real time speed. If you adjust the assist level manually, auto assist choice will be off. You can turn it on manually or it will be on when the display is restarted.
8.5	Auto Power Off	Press PLUS or MINUS button to change the auto off time. The number from 1/3/5/10 represents time (minutes) to shut down and the default value is 5 minutes.
8.6	Real-time clock display	Real-time clock display →ON/OFF If you turn it on, real time clock will be displayed on the cycling interface. **The display cannot connect to the network, which may lead to time error. Please adjust the time manually monthly to make it more precise.** **The installed CMOS battery will run out and the clock time will also be zeroed out if the display keeps power off for a long time. So please keep the display power on and charge it for 10 hours before you use it.**
8.7	Clock setting	Click on M to enter the submenu. Click on PLUS/MINUS to adjust the time value and then click on M to save your choice.

8. 8	Power-on password	Press M button to enter the password setting menu. Double click M to exit the interface. You can adjust the digit by taping PLUS or MINUS button. And click M to save your choice. If you want to have a password at the beginning when you start the display, please turn on Start Password. If you do not want to do so, please turn OFF Start Password. You can also reset a password by clicking Reset Password item. Default password: "0000".	 Input Password  Input New Password
8. 9	**Information**	Click on M button to enter the menu. Click M or POWER to exit to the main menu.	 Information  Factory Restore  Factory Restoring
8. 10	**Advanced Setting**	Click on M to enter the menu. Click on PLUS or MINUS to adjust digit. Enter the default password "1801".	  Powersystem→24V/36V/48V/52V/60V/72V Wheel size:16/18/20/22/24/26/27/27.5/28/29/30/31 Speed limit→**km/h Current limit→**A Assist levels→3/5/6/9 Poles in motor→1~15 Assist Poles→2~15 Throttle level→Y/N Clockwise Start→Y/N Cruise controlt→Y/N Throttle 6KMt→Y/N Double click on M or click POWER to exit.
8. 11	**Exit**	Double click on M to exit	

9 Error Code Definition

UKC1+ can provide error code indication.
When an error is detected,
icon and error code will displayed on the screen.

Error code

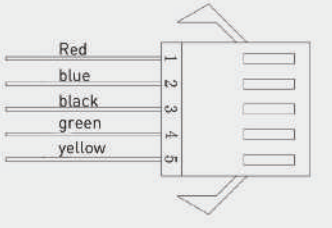
10 Assembly Instructions

Please pay attention to the screw's torque value. Damages caused by excessive torque are not covered by the warranty.

Clamps are suitable for 3 sizes of handlebar, 31.8mm, 25.4mm, and 22.2mm. Users can choose it as needed. Handlebar of 25.4mm and 22.2mm must be assembled with the corresponding adapter rings. Pay attention to the blue arrow below.

11 Connector Descriptions

The colors of waterproof cable line is red, blue, black, green and yellow. But it depends on users' needs.



Red wire : Anode of the battery
Blue wire : Locking wire of the controller
Black wire : GND
Green wire : RXD (controller -> display)
Yellow wire : TXD (display -> controller)

OPERATING YOUR NEW E-BIKE

★ The method to turn on the bike is

I. PresPress the powerower button on the left handlebar bar until the display lights on;

II. Ride on the bike and twist the throttle bar or pedal the bike, the bike will move, you can change the power level with control buttons, level 1 is the slowest and level 5 is the fastest, level 0 is the human model.

Your e-bike is driven by a motor embedded in the hub of the rear wheel. The motor is powered by a battery. The amount of power delivered to the motor, and hence the accelerating force on the e-bike, is controlled by you in a way according to the power-assisted mode or full power mode you choose.

You can configure the e-bike to operate in the pedal-assist-only mode or the full power mode (should check against local laws to ensure full power mode is permitted) where you can also use the hand throttle to deliver power to the motor.

★ Your First Ride

(Reprinted from the Safety and Compliance with the Law section)

Please be VERY CAREFUL when you are ready to get on your e-bike for the first time because the e-bike moves significantly faster than a regular bicycle in active power-assisted mode. Take your e-bike to an area with a lot of open space before you start. Do not start pedaling hard as soon as you get on the e-bike (as you normally would do with a regular bicycle), as the e-bike will accelerate under pedal-assist mode and you may be unprepared for the sudden increase in speed. However, after a few times, you will enjoy using the pedal-assisted function.

OPERATING YOUR NEW E-BIKE 2

★ Pedal-Assisted

You must turn on the battery to use the e-bike in pedal-assisted mode.

In the pedal-assisted mode, power assist is triggered when you pedal forward, and power assist stops when you stop pedaling, sometime would be delayed. In other words, power assist happens as long as you pedal. You don't need to pedal hard. All you need is to apply a light force to the pedals continuously to maintain the current flow. When you apply one of the brakes, power assist will automatically stop, allowing the e-bike to slow down and stop. Power assist will turn itself off when the e-bike has reached the maximum speed that the power level you choose.

You should use the gear shifter at the handlebar to set the gears appropriately according to road conditions and pedal, as usual, you will find that you need to exert a lot less effort and the e-bike travels faster and at a more steady speed.

★ Cruise Control

Cruise Control will be triggered when you hold the throttle for 8 seconds, and it will be released by braking/pedaling or throttling.

★ Thumb throttle Control

In the hand throttle mode, the amount of power assist is determined by the throttle switch controlled by your hand. You control the throttle by twisting it from its resting position, the farther the throttle switch is from its resting position, the more power is delivered to the motor to accelerate the e-bike. When you want to slow down, you simply release the throttle and let it return to its resting position, and simultaneously apply the brakes if necessary.

You do not need to pedal the e-bike if you use the hand throttle. However, you can pedal while commanding power assist. If you do pedal to help the movement, you conserve energy and the charge in the battery will last longer.

CHARGE INSTRUCTIONS

★ Charging Your e-Bike Battery

Your e-bike battery is a lithium-ion battery. Lithium-ion battery requires specially designed chargers. You should never charge your battery with a substitute charger that is not designed for this use. Use of an unsuitable charger to charge a lithium-ion battery will result in overheating, fire or even explosion. Ensure charger voltage is consistent with battery voltage. If your charger is lost or damaged, contact your dealer to order a replacement.

Charge your battery while the e-bike is not in use. You should turn off the battery before you charge it. You may charge your battery while it is mounted on the e-bike, or after it has been removed from the e-bike.

Do not place either the charger or the battery near flammable substances while charging is taking place. Charging should not be done in the vicinity of infants and small children. It is also prudent to remove valuable objects from the immediate vicinity of the battery while it is being charged. Don't charge in unattended condition for a long time. For the safety of you and your family, it is recommended not to charge in the middle of the night.

In order to maintain battery life, do not charge until the battery completely discharged, it is recommended to start charging when the power is less than 20 percent. If the battery will not be used for an extended period of time, charge it fully and recharge it every month. If not used for several months, the battery may be completely self-dischargedV and unable to charge.

The length of charging time depends on the level of charge the battery still holds. If a battery is completely discharged, it will take about 6 hours to be fully recharged.

When a battery is fully charged, the LED on the charger will transition from RED to GREEN. At this point, you should disconnect the charger. Do not leave the charger connected to the battery for a very long period of time after charging is complete. (Leaving it connected for an overnight charging is OK.)

It is normal for the charger and the battery to be slightly hot while charging is on-going.

★ Removing the Battery from the e-Bike

The battery is an important and costly part of the e-bike. It is designed to be locked into position with a key to preventing theft. You can take further precaution by removing the battery while the e-bike is parked unattended. You may also have a need to remove the battery from the e-bike to recharge it at a location where you cannot park your e-bike.substitute charger that is not designed for this use. Use of an unsuitable charger to charge a lithium-ion battery will result in overheating, fire or even explosion. Ensure charger voltage is consistent with battery voltage. If your charger is lost or damaged, contact your dealer to order a replacement.

The method to remove the battery is:
I. Open the cap of the charging port and fold the bike;
II. Insert the key into the battery, hold pressing the key a bit until twist clockwise to the end (Note: You can't remove the battery until the lock bar withdraws into the battery completely);
III. Slip off the battery, the battery is quite heavy and you should take care not to drop it.

Maximizing the Riding Range

Many factors affect the rate of use of the electrical energy and the riding range.

You should fully charge the battery before a long journey.

Rough road conditions and hilly terrain will consume more energy.

Frequent change of speed will consume more energy.

Carrying more weight on the e-bike will consume more energy.

Keeping the tires properly inflated and keeping the e-bike clean and well lubricated will save energy.

Making sure that both wheels move freely when brakes are not applied will save energy. You should check brake adjustments frequently.

Pedaling as you ride will consume less electrical energy and increase the riding range.

When the battery is turned off, your e-bike functions as a regular bicycle. If you embark on a very long journey, you might want to turn off the battery for long stretches where the road is level or downhill and pedal the e-bike as a regular bicycle so that you can conserve electrical energy stored in the battery.

DAILY MAINTENANCE

★ Care and Maintenance for Your New e-Bike

You should, in general, take care of your e-bike the way you would with a regular bicycle by keeping it dry, clean and the moving parts well lubricated. You should also avoid parking your e-bike in exposed areas whenever possible.

You should check the effectiveness of the brakes before each use.

★ For your e-Bike, you should also take note of the following:

Your e-bike is designed for regular country road use for a single person. Using your e-bike for extreme maneuvers, such as extreme off-road use, jumping, or carrying the excessive load will damage the e-bike and could cause serious injury.

Do not use high-pressure water streams to clean your e-bike, as water might seep inside the motor or the wiring compartment and cause rusting of electrical parts or short circuits.

Avoid parking your e-bike outside when there is rain or snow. At the end of a trip where there was rain or snow, bring the e-bike inside and use a clean, dry towel to eliminate any wetness.

Be sure you do not lose both keys and remote controls. If you lost one key, you should immediately make a copy as a back-up. If you lost both keys, you will be unable to remove the battery from the e-bike. If you lost both remote controls, you can't turn on the bike.

Safety

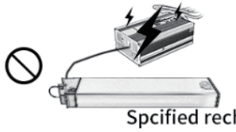
These safety precautions are provided for your benefit to protect you and those around you. Please read and follow them carefully to avoid unnecessary injury, damage to the product, or damage to other property.

- **Battery**

⚠CAUTION

■ Do not throw the battery into a fire. Do not overheat the battery.

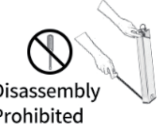
■ Do not connec the battery to other appliances other than your battery.



Spcified rechargeable battery

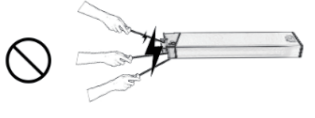
■ Use only the specified charger to charge the battery.

■ Do not take apart or modify the battery.



Disassembly Prohibited

■ Do not connect positive and negative terminals by using metallic objects.

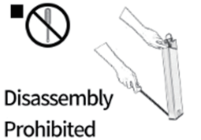


(Elcclrolyle leakage, overheating and/or rupture may result in this type of abuse.)

- **Battery Charger**

⚠CAUTION

■ Do not take apart or modify the charger



Disassembly Prohibited

■ Do not subject the charger to shocks, e.g. by dropping. Keep the charger away from water

■ Do not touch the charger with your skin for long periods during charging

Buring of the skin may result, as external temperature of the charger during charging may become 40C~60C(104F~140F)

Overheating, fire or electric shock may result

■ Do not cover the charger or place objects on it

Overheating, fire or electric shock may result

■ Place the charger firmly on a flat dry surface

Using the charger upside-down or stretching the cable tight may result in malfunction, fire or electric shock

■ Do not short-circuit the terminals by using metallic objects

Overheating, fire or electric shock may result

Trouble Shooting

As one or more causes of failure might lead to the failure phenomenon, you should find out the true cause(s) and then take the appropriate solution(s) to rectify the problem. In case of doubt, please consult a qualified technician for service, repairs or maintenance.

Failure Phenomena	Causes of Failure	Solutions
• Can't turn on the e-bike	• Battery is off • The Battery is out of power • Battery aging or damaged • Poor contact of display line • Failure of controller • Failure of switch	• Turn on the battery • Fully charge the battery • Replace the battery • Reconnect the display • Replace the controller • Replace the switch
• Pedal assist doesn't work • Gear doesn't work well • Brake doesn't work well • Display doesn't light on	• Failure of speed sensor • Rear derailleur mismatch • Brake caliper mismatch • Brake Disc is bent • Poor contact of display line	• replace speed sensor • Adjust rear derailleur • Adjust brake caliper or disc • Reconnect the display line
• Can't adjust the speed • Speed is less than 10km/h	• Battery's voltage is too low • Throttle governing bar is damaged • Poor contact of the controlling line • Spring failure or being locked	• Fully charge the battery • Replace the throttle governing bar • Replace the spring
• e-Bike's mileage is obviously inadequate after fully charged	• Inadequate tire pressure • Failure of charger • The battery cannot be fully charged • Failure of controller • Battery aging or battery damaged • e-Bike has not been well assembled • Too much upgrade road • Strong wind • Bad road • Overweight • Too many braking times • Temperature is too low	• Inflate tire with appropriate air pressure • Repair the charger • Examine and repair the controller • Replace the controller • Replace the battery • Re-adjust the e-Bike • Boost the e-Bike by manpower • Warm the battery above 0℃ (32℉)
• Wheel hub stop running after switching on the power	• The connection of battery is loosen. • Poor contact of controlling line • The connection of wheel hub is loose or damaged • The protective board of the battery is broken	• Re-connect the battery • Replace the connection line • Replace the battery's protective board with a new one

⚠WARNING

■ Keep the battery away from water. Pouring water on the battery may result in short-cicuit, overheating or permanent damage of the battery.

■ Do not submerge the battery. Soaking the battery in water may cause irreparable damage.

⚠WARNING

■ Do not apply pressure to the cable or the plug.

Placing the cable tightened between a wall and a window frame, or placing heavy objects on the cord or the plug may result in electric shock or fire.

■ Be sure to insert the plug securely into a wall socket.

Electric shock and overheating may result, causing fire.

■ Do not touch the plug with wet hands.

Electric shock may result.

■ Keep out of reach of children or pets.

Electric shock or injury may result.

■ Do not attempt to use anther maker or model's charger to charge the battery.

Overheating, fire or electric shock may result.

■ Do not use the charging plug and/or the power source Plug when they are dirty, wet or dusty.

Insulation failure due to moisture absorbed in the dust may result, causing fire.

Pull out the power source plug and clean it with a dry cloth.

■ To remove a cable from a socket, pull the plug，not the cable.

Always pull the charging cable gently.

■ Do not rotate the pedals when charging the battery while it is mounted on the bicycle.

The cord may twist around the pedal or the crank,and the damage to the plug may result. causing electric shock or fire.

■ Do not apply voltage over the rated value to the charger.

Do not use sockets, correctors and other wiring devices with a power source other than standard rated voltage (AC110-240 volts) power supply.

- Overheating, fire or electric shock may result.

■ Do not use damaged components such as charge case, power cord, plug etc.

Electric short ,short-circuit or fire may result.

TROUBLE SHOOTING

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Failure Phenomena	Causes of Failure	Solutions
E-Bike's mileage is obviously inadequate after fully charged	Inadequate tire pressure Failure of charger The battery cannot be fully charged Failure of controller Battery aging or battery damaged e-Bike has not been well assembled Too much upgrade road Strong wind Bad road Overweight Too many braking times Temperature is too low	Inflate tire with appropriate air pressure Repair the charger Examine and repair the controller Replace the controller Replace the battery Re-adjust the e-Bike Boost the e-Bike by manpower Warm the battery above 0℃(32℉)
Wheel hub stop running after switching on the power	The connection of battery is loosen Poor contact of controlling line The connection of wheel hub is loose or damaged The protective board of the battery is broken	Re-connect the battery Replace the connection line Replace the battery's. protective board with a new one

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Can't turn on the e-bike	Battery is off The Battery is out of power Battery aging or damaged Poor contact of display line Failure of controller Failure of switch	Turn on the battery Fully charge the battery Replace the battery Reconnect the display Replace the controller Replace the switch
Pedal assist doesn't work Gear doesn't work well Brake doesn't work well Display doesn't light on	Failure of speed sensor Rear derailleur mismatch Brake caliper mismatch Brake Disc is bent Poor contact of display line	replace speed sensor Adjust rear derailleur Adjust brake caliper or disc Reconnect the display line
Can't adjust the speed Speed is less than 10km/h	Battery's voltage is too low Throttle governing bar is damaged Poor contact of the controlling line Spring failure or being locked	Fully charge the battery Replace the throttle governing bar Replace the spring

VITILAN T7 EBIKE

For more information. Please refer to the following way

Email: support@vitilanebike.com
Website: www.vitilanebike.com

Instagram: Vitilanebike
Facebook: Vitilanebike
Twitter: Vitilanebike
Youtube: Vitilanebike