



# EPIK LITE USER MANUAL

Please read before operating your new bicycle.

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# Contents

Introduction.....	3
Warranty.....	4
Opening Your Bicycle .....	5
Structure of your new Electric Bicycle .....	6
Main Specifications: EPIK Lite .....	7
Brakes .....	8
Brake Precautions .....	8
Seat and Handlebar Safe Height Mark.....	9
Vertical Handle Stem Position (Handlebars) .....	9
Adjustment Method: .....	9
Seat Cushion Position .....	9
Battery and Charger Indicators.....	10
Battery Access Slot.....	10
Bicycle Battery Charge Indicator Lights.....	10
Charger Indicator .....	10
Battery Precautions .....	11
General Operating Instructions .....	12
Before You Ride for the First Time:.....	12
Electric Assist - LED Operating Instructions .....	12
During and after Riding: Instructions and Tips.....	13
Using the Kickstand.....	13
Folding Instructions .....	14
Maintenance.....	15
Water.....	15
Replacement Key .....	15
Simple Troubleshooting.....	16
Contact Us .....	17

# ***Introduction***

Congratulations on the purchase of your new e-bike! We want to make you happy and believe your new e-bike will bring you lots of fun.

We ask that you please read this manual thoroughly, paying special attention to the safety warnings before you start riding your bicycle.

Please observe traffic regulations and do not lend your bicycle to anyone who is unfamiliar with it. The bicycle can only be legally used on the road by a person aged 14 years and older.

We strongly advise you to always wear a bicycle helmet when using your e-bike. If you are unfamiliar with cycling, we suggest taking a cycle proficiency course prior to using your bicycle.

Before you ride your bike for the first time, please make absolutely certain that it has been correctly assembled. You can do this either by taking it to your nearest bicycle shop, or if you are proficient in bicycle mechanics, you can do the inspection yourself. You must make certain that the pedals, saddle, handlebars and any self-assembly items have been correctly fitted.

Test your brakes prior to using the bike every time you use it and remember the bike will not stop as quickly in wet or icy conditions as it would on a dry road.

Frequently check your tire pressures. They should be 60 psi (4.1 bar). Low tire pressures will result in damage to the tires and will massively reduce your range.

NEVER drink alcohol and ride your electric bike. The use of alcohol greatly reduces reflexes and limits your ability to ride safely. Even a very small amount of alcohol will limit your ability to be safe on the road.

When you need to replace your battery, please either dispose of it properly or send it back to us or your retailer and we will make sure it is properly recycled.

Happy cycling!

***Your friends at e-JOE Bike***

# Warranty

## LIMITED ONE (1) YEAR COMPONENTS WARRANTY

Forks, stem, handlebar, seat post, saddle, brakes, cables, bottom bracket, crank set, pedals, chain, rims, spokes, wheel hub, freewheel, cassette, derailleur, shifter, motor, throttle, controller, wiring harness, kick stand, reflectors and hardware are warranted to be free from manufacture defects in materials and/or workmanship for a 1 year period from the date of original purchase.

## LIMITED ONE (1) YEAR BATTERY WARRANTY

Lithium Ion batteries are warranted to be free from manufacture defects in materials and/or workmanship for a 1 year period from the date of original purchase (cycle life or deep charge up to 70% full capacity).

## LIMITED 30 DAYS FULL REPLACEMENT WARRANTY

If an e-JOE bicycle is not working properly because of a major defect within the first 30 days, e-JOE Bike, Inc. will repair or replace any defective e-JOE Bicycle at its sole option and expense upon determining whether the damage, failure, or loss is due to a major defect. e-JOE Bicycle will have sole discretion to determine whether the damage, failure, or loss is due to a major defect or otherwise.

## TERMS OF WARRANTY

- This warranty only applies to the original owner of an e-JOE Bicycle bike.
- *Proof of purchase is required for **all** warranty claims.*
- This warranty is for replacement parts ONLY and does NOT cover the cost of labor.
- This warranty covers shipping costs for dealers ONLY.
  - *If you believe your bicycle needs service, or are experiencing problems with your bicycle, e-JOE Bicycle encourages you to bring your bike to your nearest electric bike dealer for warranty determination and assistance.*
- This warranty does not cover any damages or defects resulting from failure to follow instructions in the owner's manual, acts of God, accidents, misuse, neglect, abuse, commercial use, modification, or improper assembly.
- This warranty does not include covering normal wear-and-tear parts (ex. Tires, tubes, brake, etc.).
- This warranty does not cover parts damaged by an attempted repair unless performed by an authorized dealer of e-JOE Bicycle with e-JOE Bicycle's knowledge.
- e-JOE Bicycle Inc. reserves the right to refuse any warranty claim.

# *Opening Your Bicycle*

When receiving your bicycle, your package should contain the following items:

- The main body of the electric bike consisting of:
  - Frame
  - Rear wheel
  - Gear and chain
  - V-brake
  - Battery
  - Rear fender
- The handlebar subassembly
  - This subassembly is still connected to the main body by the brake cables and electrical wires. The brake levers and gear controls of the handlebar are already assembled. Additionally, the right handle also has an integrated control for the throttle power-assisted mode, and the left side has Power Assist Display with a battery charge level indicator.
- The seat (or saddle) which is attached to the pedestal stem
- The front wheel with front brakes
- The front wheel fender with supports
- Front and rear reflector assembly (lights are optional)
- Pedals (2)
- Battery charger- in a separate box
- Mini tool kit for assembly and/or repairs
- Keys (2)

Please contact your dealer or e-JOE Bicycle if any of these parts are missing.

# Structure of your new Electric Bicycle

Currently electric bicycles can be divided into two classes: TAG (Twist And Go) and PAS (Pedal Assistance System). The EPIK Lite belongs in the second classification. Refer to the picture below for structure and parts.

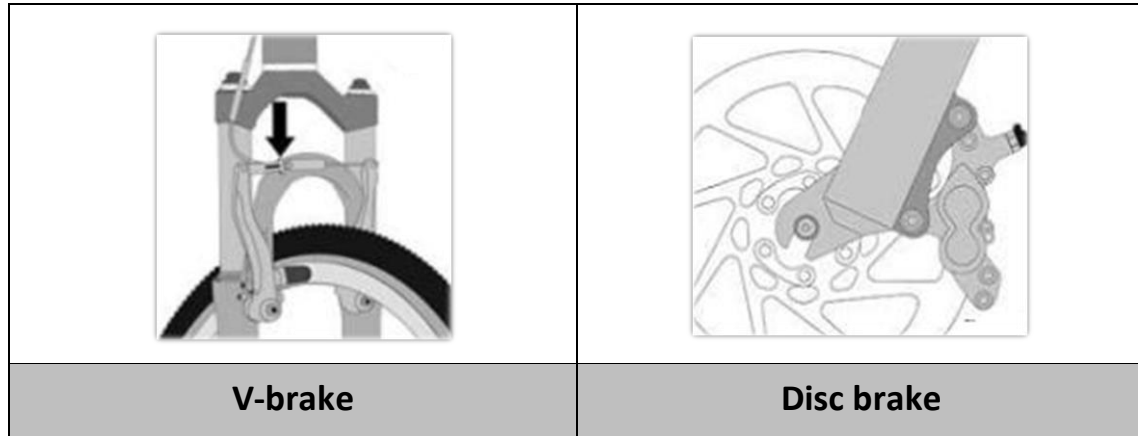


## *Main Specifications: EPIK Lite*

<b>Bike</b>	
Weight	37 lb
Max Capacity	300 lb
Dimension	60 x 22 x 43 in
Max speed	20 mph
Full charge distance	up to 30 mi
Climbing grade	≤12 °
<b>Motor</b>	
Description	Permanent magnet brushless DC motor
Max riding noise	≤ 62db
Rated power	350w
Rated RPM	235 r/min
Battery capacity	36V
Rated efficiency	80%
kWh	62mi≤1.2kWh/62mi
<b>Battery</b>	
Type	Lithium Polymer
Voltage	36V
Capacity	7Ah
<b>Charger</b>	
Input voltage	AC120V/60Hz
Charging time	4-6 hr
How to charge	Direct charge: Connect plug with plug receptacle.

# Brakes

There are two types of braking mechanisms that e-JOE installs on its electronic bicycles, the “V-brake,” and “Disc brake.” The EPIK Lite has a V-brake installed on the rear brake and is used to control the entire braking system of the bicycle, as shown in the picture below:



## Brake Precautions

- Do not brake too strong or abruptly, as it will make it easier for you to fall down.
- Remember which wheel is controlled by which brake.
- Please incline your body backward to reduce the influence of inertia.
- Adjust the brakes properly. Brake pads gradually wear down during normal use. If the brake pads are grinded flatly, repair or replace them promptly.
- Check whether the braking function and braking power cut-off are working properly.



# Seat and Handlebar Safe Height Mark

## Vertical Handle Stem Position (Handlebars)

Appropriate adjustments can be made for the vertical handle stem according to personal preference or driving habit, but it is forbidden to expose the infix notation (also called, the safety line, as shown in Fig.1). If used in an inappropriate way, it may cause serious injury to the rider.

### Adjustment Method:

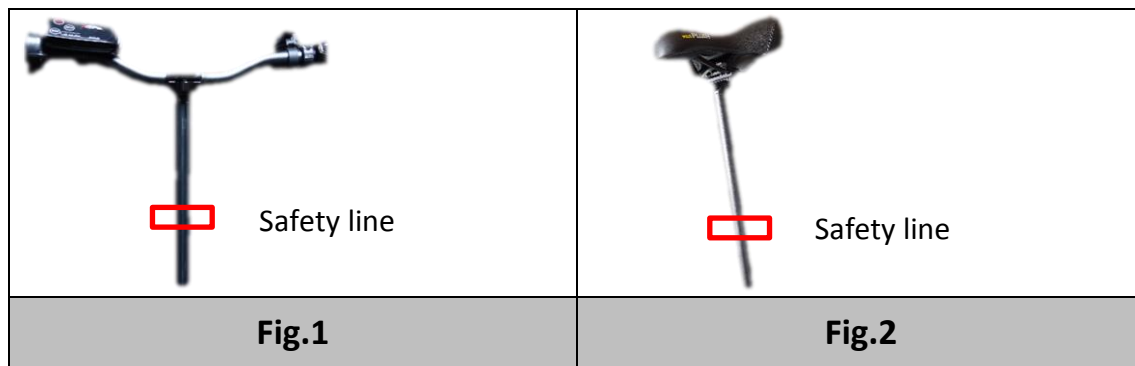
- Screw down the lead screw in handle core
- Move vertical handle stem to appropriate height making sure not to exceed the safety mark
- Screw on the lead screw in handle core

## Seat Cushion Position

When you sit on the seat cushion, step on the pedal with your heel and lower the pedal to the lowest possible position. If the leg can straighten out slightly, then the height is most suitable. If only the tiptoe can step on the pedal or the leg cannot straighten out slightly, fatigue and sports injuries may occur. Caution should be taken when making suitable height adjustments for the seat pillar.

The MAX mark line (also called, the safety line or the infix notation, as shown in Fig.2), and the mark cannot be higher than tie-in of seat cushion. If used inappropriately, serious damage may be caused to rider.

Angle of saddle: In order to avoid the forward-tilt when driving, it is best to make slight upward-tilt adjustments for the front end of the saddle. Appropriate adjustment can be made for pre- and post-position according to personal height, and it is suitable for the seat post to be in middle position generally.






The lowest height of the seat: Move the quick release handle to “OPEN.” Put the saddle to the lowest position until it cannot insert. Then move the quick release handle to “CLOSE.” This is the lowest height of seat.

The highest height of the seat: Move the quick release handle to “OPEN.” Put the saddle to the highest position but not more than the safe line. Then move the quick release handle to “CLOSE.” This is the highest height of seat.

# Battery and Charger Indicators

## Battery Access Slot

Make sure the battery is properly seated against its housing connector base. Insert the lock key into the battery access slot on the outside frame underneath the bicycle. Turn the key to remove/lock the battery.

Removing/Locking Battery		
Refer to Page 14, <a href="#">Folding Instructions</a> , Step 3 to fold the frame, exposing the battery		
		


## Bicycle Battery Charge Indicator Lights

To see the battery levels, use the charge indicator on the handlebar when all lights are lit up.

Charge Level Handlebar Indicators


## Charger Indicator

The battery charger for the EPIK Lite is equipped with an LED light indicator that works to help you preserve the battery life of your bicycle by allowing you to quickly see if your EPIK Lite is completely charged.

Charger Level Indicators		
	LED STATUS	
	Red	Charging
	Green	Fully charged

## ***Battery Precautions***

- Do not touch the two poles of the battery with your hands when the battery is removed for charging. The two battery poles should not be touched with any other metal or other material that conducts electricity.
- While charging, put the battery in a secure place where children cannot reach it.
- Do not use any other charger other than the one that came with your electric bike. If you need another charger, contact your local dealer or e-JOE Bicycle.
- Do not attempt to open or repair your charger. The electronics contain high pressure circuits, so do not dismantle by yourself.
- Prevent liquids, metal, and metal fillings from permeating the charger, and be careful to not drop or hit the charger causing it to become damaged.
- Do not put anything on top of the charger while charging; it must be well ventilated to allow the heat generated to dissipate.
- When charging, if there is a peculiar smell or the charger gets too hot to touch, please stop charging immediately.
- To prevent premature failure of your battery and for your warranty to remain in effect on your battery, it is RECOMMENDED that you charge and discharge your battery at least once per month. Do NOT use your battery in a very low state.
- It is normal for distance range to reduce as a result of low temperatures.
- While carrying the charger, DO NOT bump, drop, or damage the charger, or it may result in failure.
- Avoid any contact with water while charging your battery. If a plug or socket becomes wet, dry it completely before using it.

# General Operating Instructions

## Before You Ride for the First Time:

- Check that the handlebar and handlebar stem are properly tightened
- Check all other nuts and bolts and fixings are properly tightened, paying particular attention to the motor fixings, kick stand, yoke, and steering head bearings
- Check that brakes and brake levers are functioning properly
- Check that tire pressures are 60 psi/4.1 bar and that tires are not damaged
- Check that reflectors and lights are functioning properly
- Make sure battery is fully charged
- Load battery into bicycle and turn on by pressing the ON/OFF button on the LED display
- Check LED Electric Assist Display. The lights should be illuminated on the left hand side of the handlebars (if applicable)
  - FULL- full charge (all LED lights are lit up)
  - HALF- half charge (half LED bar)
  - EMPTY- no charge! (one LED bar): please operate with pedals and charge as soon as possible

## Electric Assist - LED Operating Instructions

When you first turn on your electric bike, your LED Electric Assist Display will automatically go into the default setting: Pedal Assist System will be turned on, thumb throttle will be turned on, and battery level indicator will be turned on.





- SWITCH Button:
  - When pressing the SWITCH button once, the PAS will turn off, leaving only the thumb throttle turned on
    - *NOTE: "Handler" light will be on when thumb throttle is on. If thumb throttle is turned off, the "Handler" light, indicating it is turned off*
  - When pressing the SWITCH button twice, it will turn off the thumb throttle (and "Handler" light), and turn the PAS system back on, giving you the chance to use the MODE options located on the bottom of the display
    - MODE options show you how much pedal assist you are receiving from the motor
      - LOW- you are receiving about 30% of the motors capacity
      - MEDIUM- you are receiving about 50-60% of the motors capacity
      - HIGH- you are receiving about 80-90% of the motors capacity
- To return the LED Electric Assist back to the original settings, with all options on, press the SWITCH button for a third time
- To turn off all electric assist, hold the ON/OFF button down for 3 seconds, or until all LED display lights are off. For your safety, please turn off the power key on the battery when bike is not in operation.

## ***During and after Riding: Instructions and Tips***

- Once the bike is powered ON, when the rider presses down on the thumb throttle, the bike will move forward! Do not turn the power ON until you are ready to go.
  - Using the hand brake or releasing the throttle will automatically cut the power to the motor.
- To get the furthest distance range, it is recommended to pedal the bicycle with the Pedal Assist System mode ON.
- When riding down hills, do not turn off power; otherwise, the controller and motor will be easily damaged.
- When riding your e-bike when the battery power is low, it is recommended to pedal your e-bike as much as possible and charge the battery as soon as you get to an electrical outlet.
- Turn off the power and remove the key while parking. If you decide to push your bike for any reason, make sure to turn the power off so you don't automatically turn the throttle on and make the electrical bicycle start suddenly and cause an accident.
- To help get the best distance out of your electric bike, refrain from unnecessary braking and coast as much as possible.



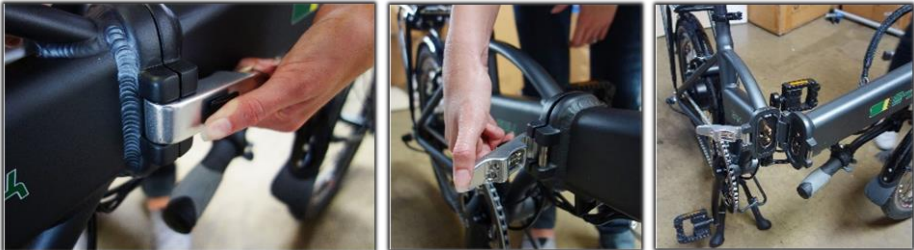

### **Using the Kickstand**

The EPIK Lite is equipped with a stabilizing kickstand that aims to support both sides of the bicycle.

<b>Secure the Bicycle for Kickstand Maneuvering</b>			
Place one hand on handlebar and the other on the seat to stabilize the bicycle			
<b>Putting the Kickstand Down</b>			
Use foot to push the kickstand down until it reaches the ground and presses forward		Then, push the bike backwards and allow the kickstand to move forward	
<b>Putting the Kickstand Up</b>			
Plant foot in front of the kickstand to hold it in place		Use hand on seat to propel the bike forward, guiding the kickstand towards the back	

# Folding Instructions

The EPIK Lite can be folded for easy storage and travel.

Step 1	
Fold the pedal by pressing the lever on the pedal inward, then upward	
Step 2	
Fold the stem by pressing the chrome releasing lever outward	
Step 3	
Fold the frame at the middle by lifting the metal bar, locking out of the frame	
Step 4	
This is how the bike looks when it is completely folded	

## ***Maintenance***

1. ***IMPORTANT!*** Do not attempt to open the casings of the battery, motor, or controller. It could be dangerous and will void any warranties. If you experience any problem, please contact our service department or your retailer.
2. Wheel spokes should be adjusted every 300 miles of riding.
3. Handlebar and saddle tubes should never be raised beyond the maximum indicated by the safety lines around the tubes.
4. Your bike has a rear derailleur that will automatically tighten your chain. However, if the chain becomes loose or frequently comes off the front cog, you can easily adjust the chain tension by loosening the rear axle nuts slightly, and adjusting the tension bolts. Make sure that the chain runs freely and retighten the axle nuts.
5. It is recommended that you take your bicycle for a tune-up and maintenance check by a bicycle mechanic on a regular basis.

## ***Water***

- Your electric bicycle is rain and splash proof and can be used in all weathers.
- The electric components of the vehicle, such as the motor, battery, and controller, **MUST NOT** be submerged in water.
- Please use caution. Do not operate your bicycle under bad/heavy weather conditions.

## ***Replacement Key***

You will be supplied with two (2) keys for your bicycle. Please keep the spare key in a safe place in case anything should happen to the one you regularly use. In the event that you misplace, damage, or break both keys, contact your dealer or call 855-888-1891 for a replacement.

# Simple Troubleshooting

Problems	Solutions
A. Top speed too slow	Fully recharge battery
B. Power on but motor not working	1. Reinstall battery/ Replace fuse
C. Driving shorter distance per recharge	1. Check tire pressures 2. Recharge completely or have charger re-inspected 3. Replace with a battery
D. The power and the indicator lights are all on, with throttle or pedal assist, but the e-bike does not work	1. Controller needs to be replaced, or 2. Motor needs to be replaced
E. The power and the indicator lights are all on; bike works with throttle, but not with pedal assist	1. Controller needs to be replaced, or 2. Pedal assist module needs to be replaced, or 3. Motor needs to be replaced
F. The power and the indicator lights are all on, bike works with pedal assist, but not with throttle	1. Controller needs to be replaced, or 2. Throttle needs to be replaced, or 3. Motor needs to be replaced.
G. The power is on, and the throttle is twisted, but the bike does not work	1. Check battery to see if it needs to be charged, or 2. Fuse needs to be replaced, or 3. Controller needs to be replaced, or 4. Motor needs to be replaced
H. The switch is turned on, and the bike takes off without using the throttle	1. Check if the throttle is stuck in the on position. 2. Lubricate or replace the throttle if it is faulty
I. After stopping, the bike does not start when the throttle is twisted	1. Check whether the brake handles are fully released. 2. Check Solutions to Problems D, E, and F above
J. You connect the power to the charger, but the indicator light does not come on	1. Check whether there is electricity to the charger 2. If you have a voltage meter, you can check to see if the charger produces the correct current
K. You plug in the charger to the bike and the outlet, and the green light comes on instead of the red light. This means it not charging	1. Check to see if the batteries are fully charged. 2. Check whether the charger is plugged in properly to both the battery and the outlet. 3. Check the voltage of the charger and battery. 4. If “zero” voltage on the charger, then it needs to be replaced. 5. If “zero” voltage from the battery, then check the fuse.

*If all above mentioned situations are normal, then there is another problem.  
Please call your local dealer or our service department for more assistance.*



## **Contact Us**

***We thoroughly hope you enjoy your new e-JOE bike!***

***If you have questions/comments/concerns, or would like to share your e-JOE bike experience with us, please contact us at:***

Telephone: 855-888-1891

E-Mail: [sales@ejobike.com](mailto:sales@ejobike.com)

Website: <http://www.ejobike.net>



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