

eziRIDER *Flyer*

Contact and support:

www.ezirider.nz

ph 027 493 7025



OWNER'S MANUAL



SAFETY FIRST

If you are unsure with any part of this manual, we recommend you take your **eziRIDER Flyer** BIKE with this manual to a local bike shop for assembly and inspection.

- In order to ensure maximum safety and longevity of your brand new **eziRIDER Flyer**, it is vital that you follow the safety guidelines in the manual.
- Before hitting the road, it is very important your bike has been correctly assembled and tightened. If you are not familiar with setting up your **eziRIDER Flyer E-BIKE**, we strongly recommend you go to your local bike shop for assistance.
- When installing key components and parts, please make sure everything is properly tightened and adjusted properly for your height.
- Quick releases, including front wheel and seat saddle, must be locked in place tightly without any movement.
- Make sure you check your tire pressures regularly, even if you don't use it every day. Low tire pressure will damage the tires and the rims.
- When operating your **eziRIDER Flyer E-BIKE** for the first time, we strongly recommend you push the throttle down slowly to feel the power first. DO NOT press the throttle all the way down when you first get on.
- Please ensure you always wear a helmet when you are taking your **eziRIDER Flyer E-BIKE** out for a ride.
- DO NOT drink and ride. A small amount of alcohol can impair your judgement.
- Please be extra cautious if you are riding at night. Our High output LED Front light Lights can assist with visibility; however, it is extremely important you make yourself known to other drivers by wearing a reflective jacket.
- Please do not lend your bike to anyone who is unfamiliar with your **eziRIDER Flyer E-BIKE** and controls. It is extremely important that you DO NOT let strangers try your bike for safety reasons, inevitably you will be approached by many people when you are out riding.



- Please ensure all riders are at least 16 years old.
- Your **eziRIDER Flyer** is meant to be ridden by a single person.
Total maximum weight no more than 86 kg.
- **eziRIDER Flyer** BIKE is intended for riding on paved road/street.
- Be extra caution when riding in traffic. Many car owners are not aware of the speed at which an e-bike can travel.

Please note: This manual makes no representation about the safe use of the bicycle under all conditions. There are risks involved with the use of any bicycles. These risks cannot be predicted or avoided, as a rider you are solely responsible when you are riding your **eziRIDER Flyer E-BIKE**.

E-bike laws vary from country to country, please ensure you are familiar with the specific laws pertaining your intended riding territory.

For further information, please contact your local department of transport authorities.

As a rider, you are solely responsible for the operation of your **eziRIDER Flyer** in compliance with all applicable laws and regulations.



INSIDE YOUR eZiRIDER Flyer E-BIKES BOX

The list of content below

- 1 x Bicycle
- 2 x Battery Keys
- 1 x Charger
- 1 x Charger power cable

BICYCLE COMPONENTS CHART





ASSEMBLE YOUR E-BIKE

Assembling your spanking new E-BIKE is extremely easy, comes 100% assembled in a folding position.

WARNING : When removing packaging and zip ties do not use box cutters or knives as you may damage paint or tires. We suggest a pair of scissors

HOW TO UNFOLD YOUR **eZiRIDER Flyer**

1. Unfold the frame and close the body folder.



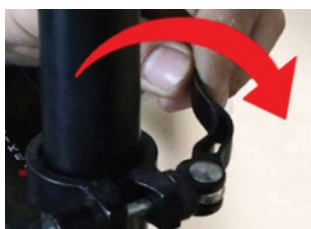
- 2.
3. Unfold the riser and close the riser folder.



4. Release the lever of the Steam Quick Release and adjust the height of the handlebar



5. Release the lever of clamp of seat post and adjust the height of the saddle.



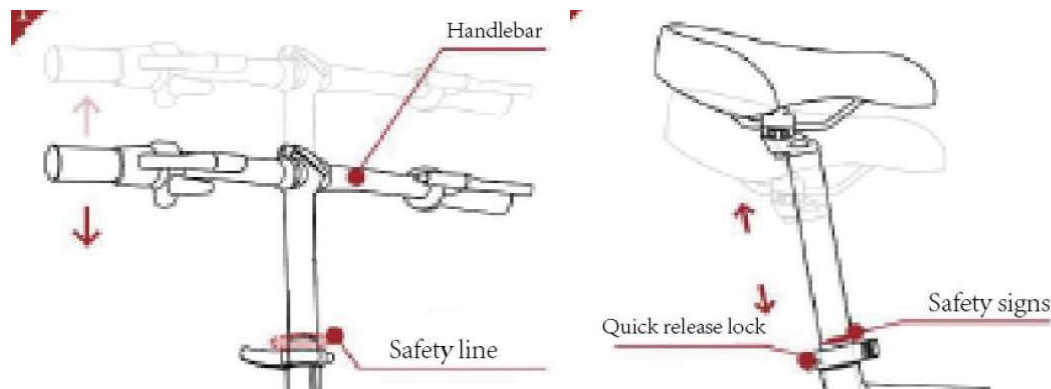
6. Make sure you push the button on the left side of the battery pack to engage the battery before riding.



WARNING: Must ensure the handlebar is attached securely. A loose attachment may lead to loss of control of your BIKE when riding thus causing serious injury.

Insert the riser at the depth not less than the minimum depth (with the safety line as the minimum depth) and lock the stem quick release lever. (see figure below)

The insertion of the seat post shall not be lower than the minimum insertion depth (take the safety line as the minimum depth) to ensure safety and lock the Seat Post Clamp. (See figure below)





COCKPIT AND CONTROLS

- 1) **Turning on/ off your eZiRIDER Flyer:** press (⏻) and hold for 2 seconds to turn on/off. You will see your display come on.
- 2) **Pedal Assistant Level:** Press + to increase assistance level, press - to reduce the assistance level. When it reaches 0, that means no assistance is provided.

WARNING: eZiRIDER Flyer braking system is RIGHT lever for the REAR brake, and LEFT lever for the FRONT brake. Please be extremely careful when getting on for the first time and ensure you are familiar with the throttle and braking power before taking it out for a ride.



BATTERY CHARGING, CONFIGURATION AND SAFETY

IMPORTANT: Do not charge the battery with any unauthorized third-party chargers. Failure to do so will highly increase the risk of battery damage, malfunction of battery computer chip, reduce the life span of the battery and also void your warranty.


BATTERY CHARGING

1. Your battery is the main energy source for your **eZiRIDER Flyer** BIKE, it is also one of the most expensive components in the entire **eZiRIDER Flyer** BIKE, so be sure to treat it with extra care at all times. We recommend that you only recharge it with **eZiRIDER** charger provided with your E-BIKE.
2. Battery can be charged while attached to bike or separately. You should recharge your battery after each use or when the battery indicator on the display indicates that the battery charge is low.
3. To charge the battery, reach in to remove the battery seal around the charging port of the battery, plug the charger into the wall outlet first and then into the port located on the side of the battery.



4. Continue charging until the display show the battery is full.

REMOVING THE BATTERY

- 1) You must ensure the **eZiRIDER Flyer** is completely shut down before you attempt to remove the battery. To do this, press  and hold for 2 seconds to shut down your BIKE.

- 2) Use the key provided with your BIKE, inset the key into the lock, turn and hold the key.



- 3) Remove the seat post.
- 4) then pull the lever and slide the battery sideways out. To reload the battery make sure the battery is correctly on the slide rail then slide it back before reload the seat post in to the bike.



Note: Battery can not be load or unload without the removal of the seat post.

SAFETY GUIDE

“IMPORTANT SAFETY INSTRUCTIONS OF YOUR BATTERY POWER CELLS AND CHARGER”

- 1) The battery charger must be used for the original **eziRIDER** Battery. Other types of battery may damage your charger and cause injury in people.
- 2) DO NOT use third party charger to charge your **eziRIDER Flyer** Battery, other types of charger may cause damage and adversely affect your Battery, battery management computer chip, and reduce maximum performance of your E-BIKE.
- 3) DO NOT use your battery charger if it is damaged or does not charge anymore, please return it to **eziRIDER** or recycle properly at your local council. DO NOT dispose it into the household bin.
- 4) DO NOT use your **eziRIDER** Battery if the outside casing temperature gets too hot to touch, any bulging occurs, cracks within the casing or if any other medium to severe damage is seen on the outside of the casing.

- 5) The battery charger is intended to be correctly orientated in a horizontal or floor mount position.
- 6) PLEASE NOTE: Using unauthorized third-party charger may fry your battery management chip and could easily damage the **eziRIDER** Battery, the built-in controller or any other electronic part within the system. You are using it completely at your own risk, and all **eziRIDER** warranty will be voided, as we can't guarantee any third-party quality. And performance.
- 7) How to use your charger:
 - a) Properly connect the power plug into any household sockets, you will see RED LED light on your charger, showing your charger have entered into charging status/connected to the main.
 - b) Connect your **eziRIDER** Battery properly to your charger, red LED light will appear if your battery is charging, if you see GREEN LED light, it means your Battery is fully charged.
 - c) After your **eziRIDER** Battery is fully charged, GREEN LED light will appear to let you know your battery is fully charged. When you have finished charging, pull out the power plug from the battery socket and then remove the power plug from the wall socket too to finish the charging process and safely store away your charger.

TROUBLESHOOTING

NO LIGHT: Please ensure the power plug is plugged in properly to the main socket.

RED LIGHT AFTER OVERNIGHT CHARGING: Please ensure the power plug is fully plugged into the socket, and the charger is fully connected to your Power Cell.

GREEN LIGHT: Battery fully charged and ready to go.



MAXIMISING BATTERY PERFORMANCE

To ensure maximum battery life, please remember to always fully charge the battery after each ride. Total battery discharge may damage your battery cells, to prevent total battery discharge during extended periods of non-use, remove the battery pack and store it in a cool, dry place. Optimal storage temperature is 0 – 30°C. If battery is stored outside of this range long term will cause accelerated battery discharge, thus battery damage.

- To ensure you squeeze the most out of your battery on one charge, it is recommended to use pedal assist on level 1 when riding your E-BIKE.
- If your battery is running low when you are riding, it is strongly recommended to pedal alongside than solely using the throttle so you can have assistance all the way till you safely reach charging point.
- To get the maximum mileage out of your battery, please refrain from using full throttle throughout your ride. Full throttle provides the highest electric motor power output; however, it is also the fastest way to drain your battery power.
- Make sure to avoid prolonged journeys when applying maximum throttle due to the high-power output of the electric motor. Mix intervals of low, medium and maximum power if and when needed to prevent the electric motor from overheating in high temperature weather.
- To maximize your battery life span, please do not deplete the battery completely during use, or fully charge your battery to 100%. Around 90-95% charge is the optimal charge level.
- Reduce unnecessary braking where possible, smooth cruising is the best form in prolonging your mileage.

IMPORTANT STORAGE INFORMATION:

Please avoid keeping your Battery in extreme temperatures (below 0°C or above 35°C), it can damage and reduce the life span of your battery. Please store battery in room temperature for optimal performance. AVOID charging your battery when the temperature is either below 0°C or above 35°C, it can cause irreversible damage to your lithium battery cells.

WARNING: DO NOT disassemble your battery under any circumstances, it will immediately void your warranty with **eziRIDER Flyer** BIKE. Do not puncture, burn or damage your battery in any way, this may cause serious harm to yourself and those around you. Do not use the battery if it is damaged.



TROUBLESHOOTING

| Problem | Solution |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Top speed is too slow. | <ol style="list-style-type: none">1) Please ensure your battery is fully charged.2) Please check in display settings to see if your speed restriction is on/off. |
| Motor doesn't work but the power is on. | <ol style="list-style-type: none">1) Make sure the battery is fully connected and the connector is fully tightened. If in doubt, re- install the battery.2) Check and make sure that the outside black cable connector leading to the rear motor is fully plugged in. |
| Distances appear to decrease after charges. | <ol style="list-style-type: none">1) Check your tire pressure, make sure they are not too low.2) Make sure your battery is fully charged before using.3) Battery replacement. |
| Power is on, display, front lights and rear lights are working, but thumb throttle and the motor does not work. | <ol style="list-style-type: none">1) Check and make sure that all outside black cable connectors are fully plugged in.2) Controller replacement.3) Please contact us immediately. |
| Power is on, display, front lights and rear lights and thumb throttle are working but pedal assist does not register. | <ol style="list-style-type: none">1) Check and make sure that all outside black cable connectors are fully plugged in. |

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|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 2) Controller replacement or PAS sensor replacement. 3) Please contact us immediately. |
| Power is on, display, front lights and rear lights are working but thumb throttle does not work. | 1) Check and make sure that all outside black cable connectors are fully plugged in. 2) Controller replacement or thumb throttle replacement. 3) Please contact us immediately. |
| Power is on, and the throttle is down, but the bike doesn't work. | 1) Ensure battery is fully charged. 2) Check and make sure that all outside black cable connectors are fully plugged in. 3) Replacement of fuse or controller. 4) Please contact us immediately |
| Charger is connected to the wall but there is not LED indicator light. | 1) Make sure the charger is fully connected to the wall socket. Avoid any loose connections. 2) Check whether there is electricity flowing into the wall socket. 3) Replacement of battery charger. |
| You plug in the charger to both the socket and your BIKE but the LED light remains green, which means it is not charging. | 1) Battery may be fully charged. 2) Ensure the charger is fully connected to both the socket and the battery. 3) Using a voltage meter to check current on your battery, if close to 0 voltage is detected, please replace your battery by contacting us. |

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