

Bicycles4u.com

Owner's Manual

ELISE



This manual contains important safety, assembly, operational and maintenance advice.

**THIS MANUAL SHOULD BE READ BEFORE
OPERATING THE BICYCLE**

User Security

- 1) Do not operate the e-bike before reading this user manual thoroughly. The manufacturer will not be held responsible for any damage or accident due to improper use.
- 2) For your safety and others please follow the traffic regulations. This bicycle is not suitable for children under thirteen and the disabled. This e-bike is not recommended for competition, stunts or off-road riding.
- 3) Do not lubricate the brakes.
- 4) The braking length of a dry state surface/road is 4 meters at 25km/h, while 15 meters in wet state. So, move slowly, keep a safe distance from other vehicles/objects around you and brake in advance where necessary while riding downhill and in rain, snow & wet road.
- 5) To ensure your safety please use helmets, check brakes & tyres, handlebars and rims before riding.
- 6) Maximum rider weight: 115 Kg.
Maximum carrier weight: 15 Kg.
- 7) Improper use could cause harm, please check the connection of the frame, stem and suspension periodically. Every mechanical part has friction and pressure. Different materials and parts have different frictions and pressures. If a mechanical part has exceeded its service life, resultant damage could hurt the user.
- 8) Do not ride in water where the depth exceeds the controller. The motor or directly flush water to electrical components.
- 9) Avoid prolonged exposure to the sun or rain and exposure to humid places. Aggressive gases may cause parts to corrode or electrical parts to fail. This can lead to malfunctioning or accidents.
- 10) This product contains advanced electrical components built in to the structure. Please do not disassemble or modify any part of it.
- 11) The performance and mileage of the unit will be varied depending on the battery condition, temperature, terrain, wind speed, tyre pressure, rider weight and the maintenance, etc. To get the best mileage we propose that:
 - (1). Ride for 3-5m in power mode when starting.
 - (2). Try to reduce frequent braking or restarts.
 - (3). Ride in PAS mode while on uneven road conditions, uphill or headwind.
 - (4). Avoid carrying people or overloading
 - (5). Check the tyres before riding to ensure they have the correct pressure.

Regular check's for safety before riding

- 1) Check if the handlebar stem and saddle post are safely inserted. Take note of the maximum height markings (MIN. INSERTION) on the tube.
- 2) Check the brake shoes for excess wear. If there is wear, you should replace them before riding.
- 3) Check if the nuts on the front and rear axis are securely fixed.
- 4) Check the pedals and other fixtures for any signs of damage. Check if the rotary parts move freely.
- 5) Check the tyre pressure in accordance with the markings and check for ample treads on the tyre. If they are excessively worn replace them immediately.
- 6) Make sure that you know how to operate the e-bike and clearly know all the traffic regulations.
- 7) Check if the brake and the power function are working well.
 - (1). Stand the bike on the kickstand, switch to the electric mode and then slowly turn the throttle. If the motor does not work, then the kickstand can cut the power efficiently.
 - (2). Close the kickstand, switch to the electric mode and then apply the brake. If the motor does not work, then the brake can cut the power efficiently.
- 9) Check if the grip throttle functions well. Check if it goes back into place immediately after releasing it.
- 10) Check all electrical connections and mechanical parts are securely locked, check all cables, connector plugs and sockets must be dry and undamaged.

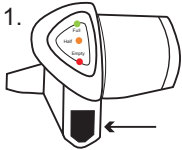
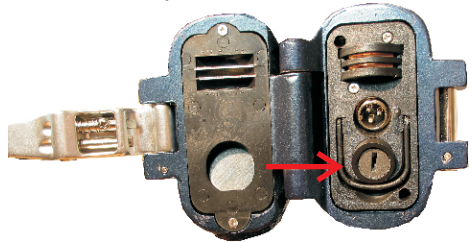
Battery and charging

Instructions on the bike operation

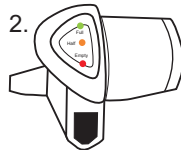
1) To turn the power ON and OFF press the power button.



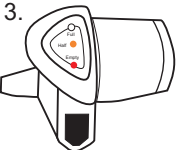
2) Use the key to lock or unlock the battery from the frame.



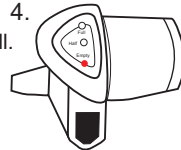
1) Press the power button to turn the power on, the indicator light(s) will show.



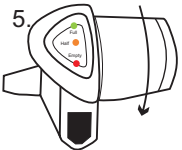
2) Three Lights = Battery capacity full.



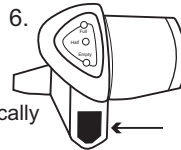
3) Two Lights = Battery capacity half full.



4) One Light = Nearly flat, recharge required.



5) Slowly turn the grip and the bike will start to accelerate. To stop, bring the throttle back to the starting position or release the twist grip and it will automatically revert back to its original position.



6) To turn the power off press the power button again. No battery indicator lights should be on.

How to Remove the Battery

- 1) Remove the safety plug, loosen the quick release.
- 2) Fold the bike in half.
- 3) Unlock the battery using the key.
- 4) Remove the battery from the frame.

How to Replace the Battery

- 1) Push the battery into the frame.
- 2) Turn the key to lock the battery.

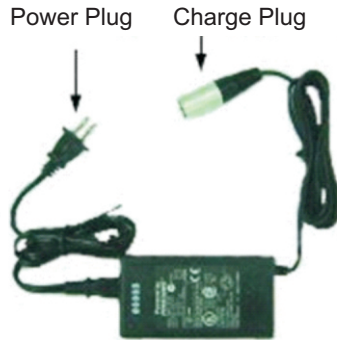
Steps to charge the battery

- 1) Confirm that the local power supply corresponds with the requirement of the charger. The input voltage is between 100V-240V.
- 2) The battery can be charged on the e-bike or removed from the e-bike and charged separately.
- 3) Connect the charger plug and charging port of the battery first and then connect the power plug and the power source.
- 4) When the red light turns on, the charging starts.

Safe charging

Taking care of the battery is vital to ensure your safety and to maximize its long term performance. Battery fault, fire or explosion hazards will occur if the instructions are not followed:

- Ensure that the charger plugs are dry and securely connected to the charger port of the battery case.
- Do not cover the battery or charger while charging. Do not use the battery charger near flammable products or in unventilated places. The ambient temperature should not exceed 40°C.
- Keep the battery away from water to prevent shocks or shorting.
- Only use the charger provided to charge the battery.
- Do not disassemble or modify the battery.
- Do not expose the battery to fire or extreme temperatures.
- Do not allow impact or force against the battery pack.
- Pull out the power plug first and then the charger plug after charging. Connecting the power plug and the power source for a long time while not charging is not recommended.
- If any abnormal conditions occur, like overheating or strange smells, stop charging immediately and contact your authorized dealer for help.
- Keep the charger in a safe place and away from children.
- Regular use - if you are commuting significant distances, it is advisable to recharge the battery before the return journey.
- Occasional use - Recharge the battery at least once a week, even if the e-bike is not used.
- Always recharge the battery after use.



The manufacturer will not be responsible for any damage or injury due to improper or unsafe use of the battery charger

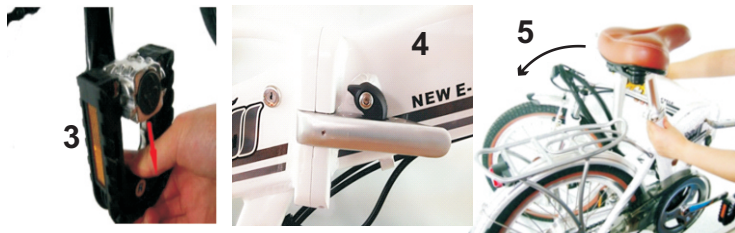
LED Indication

- 1) LED (GREEN) - Power on, when not connected to the batteries.
- 2) LED (RED) - Charging
- 3) LED (GREEN) - Fully charged, when connected to the batteries

Step by Step instructions for folding and assembling

Steps to fold the bike

- 1) Remove the safety catch then loosen the quick release (for handlebar stem).
- 2) Fold the stem towards the left.
- 3) Pull the trigger of the pedal and fold it downwards simultaneously.
- 4) Remove the safety plug then loosen the quick release (for frame).
- 5) Fold the bicycle inwards.
- 6) Finished.



Steps to unfold the bike

- 1) Unfold the front and rear frame.
- 2) Lock the quick release handle in place and tight it in securely.
- 3) Lift up the handlebar stem.
- 4) Lock the quick release and safety plug of the quick release.
- 5) Pull the trigger of the pedal and unfold the pedal upwards simultaneously.
- 6) Finished



How to Ride the Electric Bike

Turn the power ON

Use the key to turn on the power switch. Turn the throttle slowly to drive the bike forward. The remaining battery power is displayed on the panel after turning the power on.

Power cut during braking

To ensure the rider's safety, the motor will stop working when braking and restart after the brake lever is released.

Riding

Test each of the functions before riding to get used to the functions of the e-bike like, controlling the brake, throttle and handlebar.

Turn the throttle slowly, then sit back and enjoy the ride.

Every cyclist should obey the traffic rules.

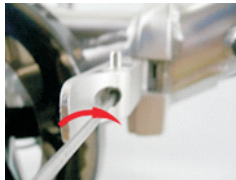
Please make sure the folding and quick release levers are locked tightly

How to adjust the folder

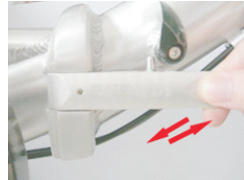
1. Use a 2.5mm allen key to release the handle



2. Use a 3.0mm allen key to tighten the handle



3. Make sure the folder is tightly secured after locking it



- 1) In order to ensure long term service of your e-bike, please use genuine parts.
- 2) Make sure the waterproof connection is properly connected.



- 3) Do not use the battery if it has outlived its life expectancy.

Troubleshooting

PROBLEM	POSSIBLE CAUSE	SOLUTION
Battery gauge LEDs with no display.	Power switch is open	Close the switch on the battery case
	Battery case with no power	Charge the battery
	Circuited	Replace fuse
	Battery case not positioned in the right place	Remove battery case, put it in right place and then lock it
	Switch damaged	Replace switch
Motor fails to perform its intended function when power is on.	Being in power mode	Change the mode from assist to electric
	Connection error	Check the connection parts or have a professional fix it
	Battery case with no power	Charge the battery
Speed-adjust failure	Being in power mode	Change the mode from assist to electric
	Connection error or throttle failure	Have a professional fix or replace it
	Poor tyre pressure	Pump up the tyre to its correct pressure
Poor travelling range after each charging.	Insufficient charge	Fully charge the battery
	Battery aging	Replace with a new battery case
	Poor road conditions, slopes, headwinds and frequent use of the brakes	Change the power mode
	Battery failure	Replace battery
Abnormal long charging time	Battery aging	Replace battery
	Connection error	Check if the cables are correctly plugged in.
Charger fails to perform its intended function.	Circuited	Replace fuse
	Charger failure	Change charger
	For other faults that can't be solved or motor, controller, charger, battery failure, please contact your authorized dealer for help. Any changes to these parts will invalid your warranty.	
Other faults		

We recommend having your e-bike serviced by a professional cycle engineer at least once a year to ensure ongoing safe performance. Since these problems listed may not cover every problem that might occur during the lifetime of your product. You can contact us for more detailed questions you might have.

General Maintenance Remarks

Adjusting the height of the seat

In order to adjust the height of the seat you'll have to unlock the lever that can be seen in the picture below, adjust the saddle height to the desired position without exceeding the mark carved onto the saddle's tube. Lock the lever in place and you're done.



The saddle's height must be set so that you can place your feet at the ground comfortably.

Cleaning and Maintenance

Regular maintenance guarantees you a longer durability and road worthy state of your bike. Maintenance includes cleaning, lubricating and ride setting adjustments. Regular maintenance work is required to sustain a warranty claim. This applies to special corrosion (surface rust) and other damages, which by non-observance, would not be undertaken by us. Thus, please read through the following section thoroughly.

Lubrication

Frequency	Component	Lubricant	How to Lubricate
Weekly	Chain	Chain Lube or Light Oil	Brush On or Squirt
	Deraillleur Pulleys	Chain Lube or Light Oil	Brush On or Squirt
	Deraillleurs	Oil	Oil Can
	Brake Calipers	Oil	3 drops from oil can
	Brake Levers	Oil	2 drops from oil can
Monthly	Shift Levers	Lithium Based Grease	Disassemble
Every Six Months	Freewheel	Oil	2 squirts from oil can
	Brake Cables	Lithium Based Grease	Disassemble
Yearly	Bottom Bracket	Lithium Based Grease	Disassemble
	Pedals	Lithium Based Grease	Disassemble
	Deraillleur Cables	Lithium Based Grease	Disassemble
	Wheel Bearings	Lithium Based Grease	Disassemble
	Headset	Lithium Based Grease	Disassemble
	Seat Post	Lithium Based Grease	Disassemble

Chain

The chain must be regularly (especially after riding in the rain) lubricated with a standard chain-caring product. Physical stretching of the chain requires checking procedures to be carried out to ensure that the tension is adequate. Examine the chain tension by positioning the bike on its kickstand and test whether the chain, while being pushed upwards or downwards has a maximum gap of 10-15 mm in between. If this is not the case please proceed to the following steps:

- 1) Loosen the axle nuts on both sides of the wheel and the brake counter - bracket (for the back pedalling brake) on the left side of the rear - end stay. When a gearbox removal is required please see the manufacturer's instruction manual
- 2) Subsequently, adjust the chain's tension by turning the tension screw nuts on both the left and the right sides.
- 3) Before tightening of the axle nuts, check whether the wheel stands in the centre and adjust if needed.
- 4) Tightly screw the axle nuts and the tension screw nuts. (Tightening Torque not less than 30NM)
- 5) Recheck the chain tension

An over-tightened chain can cause pops during riding.

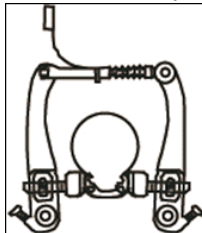
Adjust the derailleur

Adjust the Fine-tuning nut or screw when the derailleur makes some abnormal sound. The way to adjust the brake of the bike is the same as adjusting the gears. The most important thing is effective braking, releasing of the brake pads and the power brake function work well together. Friction between road and tyre is reduced when raining, so every rider should brake gently in order to avoid danger. Please follow the several bits of advice given, every screw and nut should be tightened properly to make sure the wheel is running freely with no resistance.

Brakes

The brake-shoes which are fixed on the V-brake and roller-brake wear out in time causing gap widening between the brake-shoes and the rim flank. This is indicated by the increase of the leeway of the brake lever.

The left brake lever controls the rear and the right brake lever controls the front brake. You can modify it by adjusting the brake system through the following steps:



Simply turn the adjusting screw on the brake lever until the gap between the brake shoes and the rim flank averages about 1.5-2 mm.

Adjust the brakes correctly by tightening or loosening the crosshead screws on the side of the brake arms, until the brake shoes are centered to the rim. Through tightening of the screws, the spring will be prestressed and the brake-shoe will move away from the rim.

Warranty

NAME	FAULT	WARRANTY PERIOD
Frame	Fracture, sealing off, or open solder	one year
Front Fork	Fracture, sealing off, or open solder	one year
Handlebar, Stem and Accessories	Fracture	one year
Spindle and Parts	Heat treatment parts damaged or broken	one year
Seat Post	Fracture	one year
Transmission, Shift Lever and Brake Lever	Fracture, broken	one year
Rim	Cracking	one year
Shaft skin, Flywheel, Gear, and Crank	Fracture	one year
Chains, Mudguard, Hanger and Kickstand	Fracture	one year
Speed control switch to, Controller and Charger	Performance Failure	one year
Brush motor	Performance Failure	one year
Brushless motor	Performance Failure	one year
Battery	failure	one year

When does the warranty not apply?

- When the bicycle is used negligently or has damage resulting from a traffic accident.
- Normal wear and tear.
- Poor maintenance or modifications that no longer complies with regulations or original specifications.
- Damage due to external causes.
- When the bicycle is used for rental.
- Compensatory costs arising from damages or accidents, or cost incurred by loss of the bicycle's usage.
- Bulbs, brake blocks, tyres etc. - Are regarded consumables, therefore when replacements are required, these need to be purchased from your local cycle shop or store.