



## **LICI<sup>®</sup> SERIES ELECTRIC BICYCLE**



**Power Assisted Folding Electric Bicycle**

**USER MANUAL**

**Model: LC-F003 (Z1)**



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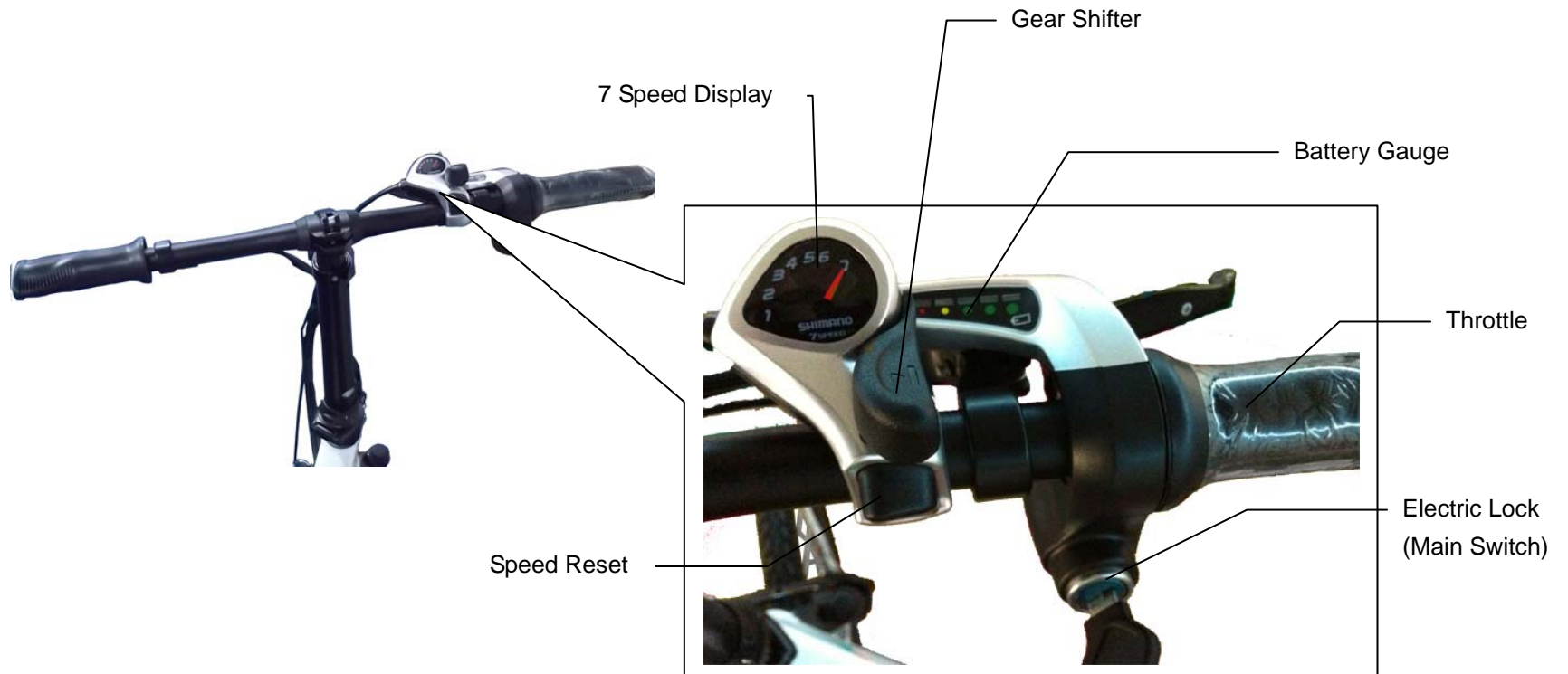
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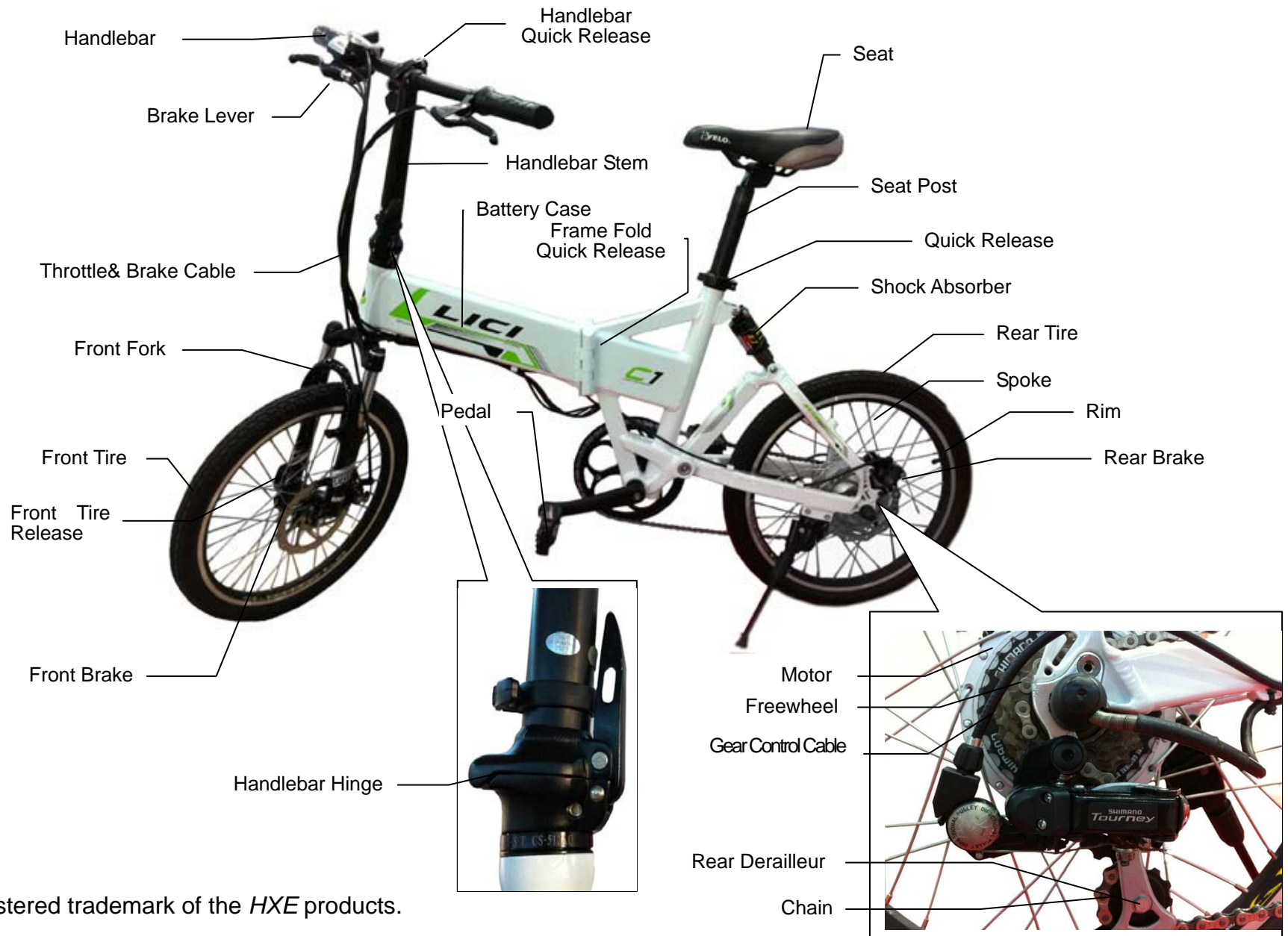
## Introduction

Thank you for purchasing the *HUAXIN ENERGY*<sup>®</sup> *LICI*<sup>®</sup> Power Assist Folding Electric Bicycle (hereinafter referred to as “E-Bike”) tactfully designed and manufactured by Shenzhen Huaxin Energy Technology Co., Ltd. (hereinafter referred to as “HXE”).

The user’s manual contains all kinds of important information concerning the operation and the safe use of your E-Bike. Please read this manual carefully and thoroughly before riding your E-Bike and make sure that you have learned all the instructions of the E-Bike. If you have any queries about the spare parts for the maintenance or any other concerns of your E-Bike, please contact your authorized dealer for assistance.

## Features





※LICI® is a registered trademark of the HXE products.

※HUAXIN ENERGY® is registered for “Advanced Power Technologies” developed and owned by HXE.

## Safety Warnings

1. Do not operate the E-Bike before reading this user manual thoroughly.
2. Do not disassemble the battery case and modify the unit without *HXE* written approval, or your warranty will be void and you will be responsible for the modification.
3. Check the tire pressure of front and rear wheel before riding.
4. Make sure that the battery has been fully charged before use, and remove the charger after fully charged.
5. Check all electrical connections and mechanical parts are securely locked and fastened before using your E-Bike, and check all cables, connector plugs and sockets must be dry and undamaged.
6. The E-Bike is not recommended for competition, stunt, any aggressive or off-road riding.
7. The performance and mileage of the unit will be varied with the battery condition, temperature, terrain, wind speed, tire pressure, rider weight and the maintenance, etc.
8. The E-Bike is able to sense your feet's force on the pedal to provide you the assist power once you ride it. Before you depressing pedal on the E-Bike, please ensure ahead of the road is clear.
9. Adjust the height of the saddle to fit your body size. Take heed of the maximum height markings on the post of the saddle. Your authorized dealer will give you assistance if requested.
10. Refer to the instruction sheet of the SHIMANO Inter-3 Gear to switch 3 stages of gears for a more comfortable riding at different slopes.
11. Always consult your doctor for advice on your physical condition and follow your country's traffic rules while riding.
12. Make sure that your dress and shoelaces must be secured from involvement to moving parts of the E-Bike while riding.

## User Guidance

Regular check for safety before riding:

1. Check Tire Pressure:

Check the tire pressure of front and rear wheel to be maintained at 50PSI (or 3.5Bar).

Check if the tread of tires with excess worn out should be replaced.

2. Check Power Assist:

The power assist will be cut off when one of handbrakes is engaged or the pedaling is stopped.

3. Check Battery:

Check if the battery case fits into the battery holder firmly and the LED Light of the Battery Gauge is lightened up when the main switch is on.

Check if the battery is fully charged before use.

4. Check Motor and Control System:

Must check the motor and control system are performed well.

5. General Inspection:

Check if any of brake shoes with excess worn out should be replaced.

Check if the braking function is performed well.

Check if the front and rear wheels are performed smoothly.

Check if all connectors on E-Bike are firmly secured without any damage.

If you have any questions after checking, please refer to the solutions for trouble shooting (page 16) or contact your authorized dealer for inspection and maintenance.

Cautions for Riding:

- Always follow the county's traffic rules while riding.
- Check the battery gauge if the charge is sufficient to keep the power assist for your riding.
- Do not keep riding your E-Bike if any problem is occurred, and then refer to the solutions for trouble shooting (page 16) or contact your authorized dealer for further inspection and maintenance. Ensure to use the spare parts supplied by HXE for replacement.

Other Keys to Lifespan:

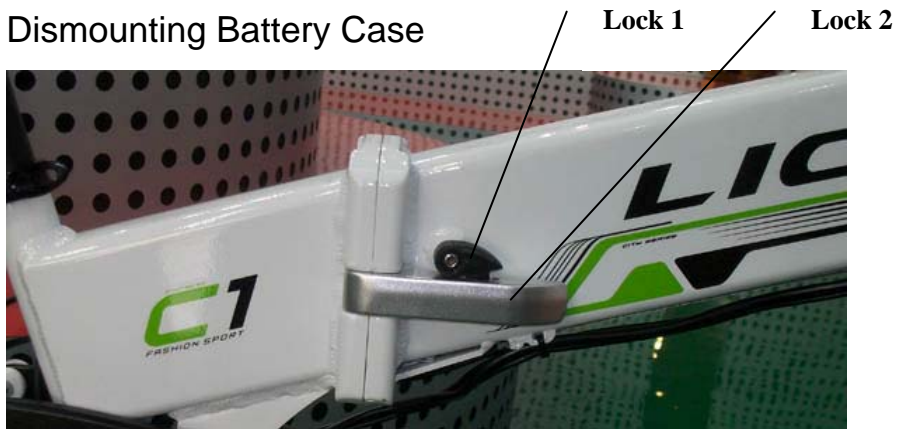
The lifetime of your E-Bike will be adversely affected by exposures to aggressive road, dirt, rain, waters or salt spray. To package your E-Bike including the battery case with a good protection for transportation and to store your E-Bike indoors when not in use are essential to prolong the lifespan of product.



## Battery and Charging

The battery is made up by lithium ion battery packs, with 5 discharging connectors to ensure stable connecting.

### Dismounting Battery Case



The Battery Case was locked by double locks.



**Step 2: Unlock the lock 2.**



**Step 1: Unlock the lock 1.**



**Step 3: Push the case away at the opposite side.**

Charging Port



**Step 4: Take the battery out of case.**

**※Note: During folding, the battery and the case should be keep in dry .**

Steps to charge the Battery

Operating Instruction

1. Must assure the input voltage is between 100V~240V.
2. Must assure the battery to be charged is a Lithium Battery Pack supplied by HXE.
3. Make sure the power cord, battery cable, and battery terminals are in good condition.
4. Make sure the connecting battery rating is the same as the charger output voltage
5. While charging, LED will display a RED light. When the light turns GREEN, the battery is fully charged.

Charger Plug

Power Plug



Caution

1. Make sure the DC output correspondingly connected to the battery to be charged is at the rated voltage, or it may cause unexpected danger or damage.
2. For your safety, do not charge the batteries for longer than 24 hours.
3. Do not expose the charger to the rain, water or a humid place; Do not use the battery charger near flammable articles or in unventilated places.



4. For your safety, do not short circuit output plug, or it may cause unexpected danger or damage.
5. Use the specified charger only for the Lithium Battery Pack supplied by HXE.
6. Always use the battery charger and power cord supplied by HXE.
7. Before plugging in the power cord of the charger, please confirm that the local power supply corresponds with the requirement of the charger.
8. The manufacturer will not be responsible for any damage or injury due to improper or unsafe use of the battery charger.

## Trouble shooting

PROBLEM	POSSIBLE CAUSE	SOLUTION
Battery case with a loosening issue.	Battery case has not been totally locked onto the battery holder firmly.	Follow the instruction to dismount then mount battery case again to check if battery case can not be removed.
Battery gauge LEDs with no display when power on.	Battery case has a low charge or a loosening issue.	Check if battery case has been fully charged before use. To check the solution as above if the battery case has a loosening issue.
Power assist function discontinued when riding.	Battery case with an empty charge.	As the last battery indicator light start flashing then the battery case must be recharged as soon as possible, or the power assist will be discontinued after approximately 2KM riding further.
Poor traveling range	Frequent riding on gradients, poor tire pressure, battery case with insufficient charge, or battery aging, etc.	Decrease chance to ride on gradients to check if a longer range is acquired, fill up tire pressure to 50 PSI, fully charge the battery daily after use, or replace a new battery case, etc..
Unusual motor/gear sound (noise)	Check if any foreign object existed on wheels or motor.	Clean up obstacles around the wheels and motor.

※ Note : Must use the genuine charger dedicated for Lithium Battery charging.

※ Please contact your authorized dealer if the above solution has been checked and the problem is still existed.

## Specification

Model			LC-F003 (Z1)
Overall Dimension	Length	mm	1310
	Width	mm	590
	Tire Size	inch	20"*1.75
Total Weight		Kg	18
Max. Speed	km		25km/h
Battery	Capacity / Weight		36V 8 Ah /4.5kg
Derailleur	SHIMANO 7 Speed		
Power Assist Driving Wheel	Rear Wheel Drive		
Hub Motor Model	Brushless Motor with geared (36 V)		
Charger	Type (Dedicated for lithium Battery)		2A
	Charging Time		About 5 hrs
<b>Remarks:</b> 1. As the last battery indicator light starts flashing, the rider can continue to ride the E-Bike for approx.2 KM further. 2. The maximum weight capacity of the E-Bike is around 90 kgs.			

# **LICI® Series Power Assisted Folding Electric Bicycle**

## **DISCLAIMER**

Congratulations on your purchase of *Huaxin Energy® LICI®* Power Assisted Folding Electric Bicycle.

This *LICI®* Power Assisted Folding Electric Bicycle is not intended to be used by individuals with physical limitations that could prevent the user from operating the *LICI®* Power Assisted Folding Electric Bicycle safely. HXE disclaims all responsibility for any personal injury or property damage, which may occur as a result of improper or unsafe use of its products. Mechanical or electrical defects will be dealt with on a contingency liability basis.

Warranty is only valid when genuine parts offered by HXE are used. All modifications on the *LICI®* Power Assisted Folding Electric Bicycle, unless approved and authorized by HXE will automatically invalidate the warranties. Standard warranty does not extend to consumable items and parties other than the original purchaser.

The preceding guidelines are intended to assist you in the safe operation of this *LICI®* Power Assisted Folding Electric Bicycle. Should you have any questions about the correct operation of the *LICI®* Power Assisted Folding Electric Bicycle, please contact your authorized dealers.

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LICI SERIES ELECTRIC BICYCLE 2012-7-11