

USER MANUAL

X-EB19A Electric Bicycle



PLEASE READ ME FIRST!

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1. Your E-Bike



1.1 Introduction

We want to thank you for your e-bike purchase. The cycle, equipped with pedals and an auxiliary electric motor, cannot be propelled exclusively by means of this auxiliary electric motor. You will thoroughly enjoy riding this new, electrically assisted bike. Riding an e-bike means that you're helping preserve the environment, since you're not emitting any carbon or any other elements that pollute. For your safety and for the safety of others, we recommend that you obey all road regulations and wear a protective helmet. For optimal, safe and enjoyable use of the e-bike, make sure you thoroughly read this user guide before you first use it.

Base on the user guide to use it ,or it may shorten the useful time.

Have a pleasant ride!

1.2 General presentation of the vehicle

Standard Configuration			
Charger	AC 100V -240V 2amps smart Charger	Motor	48V500W Rear gear brushless motor
	Charging time:4-6hours		silent and high speed hub motor
Throttle	Without	Battery	48V15.6AH Li-ion Battery
Mechanical Components		Assistant System	Speed sensor Assist System
Frame	20" Aluminium Alloy 6061 frame	Controller	SSP intelligent brushless.
Tyres	20"*1.75 KENDA tyre	Disc Play	LCD display
Rim	20"*1.75 Al alloy single wall rim with painting	Climbing Capacity	5-7°
Chain	Rust resistant Chain	Distance Per Charge	50-70km
Chain Wheel	Aluminium	Handlebar	Al alloy
Rear Rack	Al alloy Rear Rack	Stem	Al alloy folding stem
Saddle	Soft comfortable saddle	Brake Lever	Al alloy power-off brake lever
Performance		Front Brake	Tektro disc brake
Max Speed	25km/h (EU)	Rear Brake	Tektro disc brake
Max Load	100kgs	Front Fork	ZOOM suspension front fork
Packing Information		Seat Post	al alloy
Net Weight	26kgs	Mudguard	front and rear mudguard Aluminum foil
Gross Weight	32kgs	Pedal	alloy pedal
Carton Size	1700*255*785mm*99%	Speed Gears	SHIMANO 7-Speed gears
Quick release	front hub with quick release	Rear Derailleur	SHIMANO outer 7-speed shifter

2. Using the bike

2.1 Riding the bike

Turn on the display unit that is on the handlebars (see 1.3). Select your desired assistance level and begin to pedal. You'll find that the engine starts as soon as you start pedaling.



When you use the brakes, the contactor located within these brakes immediately halt the engine's assistance.



The left brake lever controls the front brake. The right brake lever controls the rear brake.

You can also use the bike without the electric assistance mode by turning off the battery (switch button «O» or by adjusting the assistance level on 0). The engine will then feature zero resistance: you'll be freewheeling. Select the appropriate gear by activating the inner 3gears lever.

2.2 Adjusting the height of the seat

Unlock the lever (OPEN), adjust the seat height to the desired position without ever exceeding the mark carved onto the seat's tube, lock the lever (LOCK).

The seat's height must be set so that your leg is stretched out when the corresponding pedal is in the lower position.



2.3 Propping the bike upon its stand

Your bike is equipped with a main stand. Always prop up the bike on its stand on a flat and stable ground surface.



2.4 Lights

The front light has an autonomous power supply. It turned on and off by the switch located on the top of the Light. The LED lights have a lifespan Lasting several years. See your dealer to Obtain replacements.

Front lamp



Rear lamp



Draw attention to the national legal requirements when the bicycle is to be ridden on public roads.

2.5 Precautions required prior to each use

Verify that the brakes and the front and rear lights are all working properly. Also, check the pressure of the tyres.

On derailleur geared bicycles the rear derailleur automatically tensions the chain.

Make sure that the hinges on your bike are properly locked. Indeed, when using the bike on a regular basis, the tension of the hinges' adjustment and locking systems can change slightly. Whenever necessary, adjust the tension once again.

This bike is not designed for rough usage, such as jumps, riding up or off of pavements, and riding on unpaved roads. For your own safety, no modifications may be made to the bike.

Please note: if you use the bike frequently, it is recommended that you inspect the state of the fork, the frame, the suspension and the fasteners. The materials and components may be subject to different reactions to usage and wear.

If you have any doubts, contact your supplier.

2.6 Lubrication

WEEKLY

Chain: lubricate with chain oil

Derailleur pulleys: lubricate with chain oil

Derailleur: lubricate with very light, light oil

Brake calipers: lubricate with very light, light oil

Brake levers: lubricate with very light, light oil

MONTHLY

Transmission levers: lubricate with lithium based grease

EVERY 6 MONTHS

Freewheel: lubricate with oil

Brake lines: lubricate with lithium based grease

ANNUALLY

Bottom Bracket: lubricate with lithium based grease

Pedals: lubricate with lithium based grease

Derailleur threads: lubricate with lithium based grease

Wheel bearings: lubricate with lithium based grease

Headset: lubricate with lithium based grease

Seatpost: lubricate with lithium based grease

Note: The maintenance frequency should increase with use in humid environments or dusty. Do not excessively grease the parts and remove excess lubricant for avoid accumulation of dirt. Never use a degreaser to lubricate the chain.

2.7 Ordinary maintenance.

BEFORE EVERY USE

- Make sure the battery is fully charged
- Check the tire pressure
- Check the functioning of the brakes
- Check the spokes of the wheels

AFTER EVERY USE

- Check the battery charge status
- Quickly clean the wet areas

WEEKLY

- Lubricate as described in point 2.6

MONTHLY

- Check the wheels
- Check the electrical connections
- Check the derailleur adjustment
- Check the brake adjustment
- Check the brake and transmission wires
- Check the tire pressure and condition
- Check the bearings of the hubs and bottom bracket
- Check the integrity and status of the pedals
- Check the integrity and status of the handlebar and handlebar stem
- Check the seat post integrity, status and adjustment
- Check the integrity of the frame and fork
- Lubricate as described in point 2.6
- Check the safety and performance status

EVERY 6 MONTHS

- Lubricate as described in point 2.6
- Repeat the operations to be carried out monthly

- Check and replace the brake pads if necessary
- Check the chain and the correct tension

ANNUALLY

- Lubricate as described in point 2.6

3. The battery

3.1 Installing and removing the battery

To remove the battery, unscrew the lock that is located along the battery's box. Remove the battery by pulling it out.

When you put the battery back into place, don't forget to fasten the lock.



3.2 Charging the battery

Never let a battery be charged unattended.

The battery's autonomy is indicated with the 4 green LED lights located on top of the battery, and also on the display unit located on the handlebars (see 1.3 indicator 8).

Your battery must be charged in an ambient temperature, on a non-flammable and dry surface, away from any sources of heat, humidity or flammable materials. Also, it must not be covered.

Here are the steps to be followed when charging your battery:

STEP 1 • Turn off the battery. All LED light must be off

STEP 2 • Connect the charger to the socket and insert the charger plug in the socket, which is also off .

STEP 3 • Check the start of charging with the red LED lighting up (A)

- Stop and unplug when the red LED lights turn to green and the battery is full charged (B)

(A)



(B)



It takes 4 - 6 hours for the battery to be fully charged when using the standard charger that's supplied with your bike.

3.3 Battery autonomy and lifespan

3.3.1 Autonomy

The bike's autonomy ranges from 40 to 120 kilometers, as it depends on many different factors (degree of assistance used, topology, rider's weight, frequent stops/start-ups, hills, tyre pressure, etc...)

3.3.2 Battery

Your battery is just like a household battery. It contains a limited amount of energy, which diminishes as it is being used. When the available autonomy no longer corresponds with your needs, you will be able to obtain a new one from your dealer.

3.3.3 Maintenance

If you don't use your bike for a period of time exceeding 2 months, store it in a humidity-free area to protect the electronic components and make sure that the battery is neither completely charged nor completely discharged (2 or 3 green LEDs lit up)

Note: *Never store a completely discharged battery as it might result in permanent damage. ↓
During the winter or long storage periods, it is recommended that you charge ↓
the battery halfway every 2 months. Don't forget to switch it off. Store your ↓
battery at a temperature between 15° and 25°? ↓*

3.4 Battery safety instructions

Your bike's battery is an electric component made up of chemical elements. For your safety, it is imperative that you obey the following rules:



Always handle with great care ↵
Always keep it away from children ↵
Do not take it apart or hit, pierce or submerge it Keep it away from temperatures exceeding 60°Never create a connection between the contacts located at the bottom of the battery ↵
Never let the battery charge unattended ↵
Never sleep near a battery that is charging ↵
Only use the charger that came with your Velosolex or that was supplied by your dealer ↵
If your battery is damaged, do not use it and take it back to your dealer as soon as possible ↵

4. Safety and maintenance Recommendations

4.1 Safety recommendations

Helmet

For safe riding- use of a bicycle helmet.

Tyres

Inspect the wear of your tyres on a regular basis and verify the tyre pressure at least once a month. Tyre pressure: 40-65 PSI depending on the weight of the user.

Wheel-rims

Please care of the wheel-rims and a clear explanation of any danger of rim-wear.

Brakes

Please check all connections of the Brakes before attempting to ride the bicycle.

Important: braking distance increases on humid or slippery ground.

Saddle-post

Suitable covering and coil springs under the saddle if a child-seat is fitted to prevent trapping of fingers.

Reflector

please regarding the positioning of reflectors and lamps such that these are not obscured when luggage is attached to the luggage carrier.

Gears

Like the chain, the freewheel must be kept clean and well lubricated. If the chain has become worn and needs replacing, then

it is likely that the freewheel will also have become worn and should also be replaced. Take the chain off the freewheel and rotate it with your hand. If you hear a grinding noise or the freewheel stops suddenly after spinning it, it may need adjustment or replacement.

Carrier

Maximum authorized load: 25KG

This luggage carrier is not designed to pull a trailer. Don't install the child-seat on the carrier. The bicycle may behave differently (particularly with regard to steering and braking) when the luggage carrier is loaded, please attention. Please ensure that any luggage fitted to the luggage carrier is securely fitted in accordance with the manufacturer's instructions and that there are no loose straps that can get caught in any of the wheels. Please distribute luggage evenly between the two sides of the luggage carrier.

Rack

The rack is able to hold a maximum, evenly balanced load of 10KG.

Signaling device

The bike is silent. In order to alert others as to your presence, you have an approved signaling device: use it only when absolutely necessary, don't abuse it!

Battery

Cf. Chapter. 3.4 **WARNING:** As with all mechanical components, the bicycle is subjected to wear and high stresses. Different materials and components may react to wear or stress fatigue in different ways.

If the design life of a component has been exceeded, it may suddenly fail possibly causing injuries to the rider. Any form of crack, scratches or change of coloring in highly stressed areas indicate that the life of the component has been reached and it should be replaced .

4.2 Maintenance

Caution:

Bike maintenance and repair require specific skills and appropriate tools. Do not repair your bike or change any of its settings if you have the slightest doubt regarding your ability to correctly proceed with such work. Contact your dealer. Any adjustments or repairs that are not properly done can damage the bike and lead to accidents resulting in extensive injuries. Using only genuine replacement parts for safety-critical components.

Cleaning

Always remove the battery when cleaning. Use soapy water or water mixed with a gentle detergent, and then rinse with clean water. Make sure that the controller located behind the battery compartment is not exposed to humidity as it contains electronic components. Do not use a high pressure washer!

Maintenance

Your bike is safe for the environment. Used parts must be disposed of in appropriate selective sorting recycling bins. A battery that no longer works must be returned to your dealer so that he may pass it on to a recycling company.

Replacing the rear light batteries:

(It is recommended that you replace them every year): Remove the screw to access the batteries.

Engine:

The engine does not require any sort of maintenance.

Chain :

It is recommended that you lubricate your bike's 6 speed gearwheels and chain on a regular basis using appropriate products (ask your dealer for advice)

5. Warranty

You are provided with a warranty for one year since the day you buy the bike.

Detail refers to our warranty rules for different parts.

Have a pleasant ride!