KOOLUX

EU V1.2.3

BK6

User Manual

Pedelec-with electric drive up to 250W

Product Model: BK6
Operating Manual

Translation of the original operating manual

BICYCLE USER MANUAL

The company reserves the right to modify and interpret the product models, specifications or related information mentioned in this manual;
The functions of a specific model mentioned in this user manual are only applicable to that specific model;
The product models, specifications or related information mentioned in this user manual are subject to any modification or change without prior notice;
Without the prior written permission of the company, the contents of this manual may not be copied, modified, reproduced, transmitted or published in any form. Please read this manual carefully before using the product, and operate in accordance with the manual, otherwise the company will not be responsible for product damage or personal and property damage caused by improper use or mistakes.

IMPORTANT:

This manual contains important safety, performance and service information. Please read it carefully before riding your new bike for the first time and keep it as a reference for future reference.Additional safety, performance and maintenance information for certain parts such as shocks absorbers or pedals on your bicycle may also have been included with your bicycle or the accessories you purchased.Before your first ride, be sure to read all documents provided.If you have any questions about use or service, repair and maintenance, please contact customer service.

Statutory Warranty and Guarantee Claim

***Explanation of statutory warranty**

The manufacturer grants a 24-month warranty (another word for this: liability for defects) on new goods (§439 and 476 of the German Civil Code).
The warranty covers defects that the product already had at the time of purchase. If you discover a defect, you can demand that the manufacturer repair or otherwise improve the product.
If the seller is of the opinion that the defect only arose after the purchase, the buyer must prove this within the first six months. After six months, the burden of proof is reversed. The buyer must prove the defect already existed at the time of purchase.

***Explanation of guarantee**

The guarantee is a voluntary service provided by the manufacturer (manufacturer's guarantee). The duration and conditions are freely determined by the manufacturer.

Manufacturer's warranty

The manufacturer grants a warranty of 2 years on frame breakage and 6 months on the entire bike and its attachments. This excludes all worn parts, such as chains, pedals, toothed belts, tyres, rims, tubes, bearings, derailleur hangers, brake pads, chain wheels, sprockets, bottom brackets, shift and brake cables, shift and brake lines as well as paintwork and stickers. The warranty does not cover any damage caused by not following the assembly instructions or by improper use (jumps, stunts, tricks, wheelies, downhill). The bike is to be used exclusively for private use. Damage caused by renting, leasing or participation in competitions is completely excluded from the warranty. The warranty is invalidated if you carry out repairs, conversions or other modifications to this bicycle yourself without consulting the manufacturer. The warranty is also invalidated if the maintenance intervals specified in this user manual are not adhered to and a careful inspection of your bicycle is not carried out at least once or twice a year.

The original proof of purchase must be kept together with the service booklet in order to safeguard warranty claims. With the purchase, the warranty conditions are recognised in full and without restriction. The following conditions apply:

· No warranty for accidental damage
· No guarantee in the event of improper use
· No guarantee in the event of misuse
· No guarantee in the event of damage due to incorrect assembly
· No guarantee if the inspection and maintenance intervals have not been observed
· No guarantee in the event of loss of components and add-on parts

GENERAL WARNINGS

Cycling, like any other sport, involves the risk of injuries and property damage. When cycling, you take responsibility for the risk. That's why you should know - and follow - the rules of safe and responsible riding and correct use and maintenance. Proper use and maintenance of your bicycle reduces the risk of injury.

Your electric bike is intended for people aged 16 and over. Regardless of age, riders must have the physical coordination, reaction time and mental ability to ride safely in traffic. The relevant legal regulations on the use of bicycles should be respected.

If you suffer from an impairment or disability, such as poor eyesight, hearing loss, physical impairment, cognitive or speech impairment or a seizures, you should consult your doctor before your first riding.

Prohibition of modifications

Modifications only permitted by the manufacturer! Modifications made without the manufacturer's consent invalidate the declaration of conformity!

Unauthorised modifications or changes to the bicycle can lead to serious injury and loss of warranty. This applies in particular to tampering with and modifying the electric motor and the control unit.

Never modify the control unit or the electric motor.

There are many components and accessories available to improve the comfort, performance and appearance of your bike. However, if you replace components or add accessories, you do so at your own risk. The bicycle manufacturer may not have tested this component or accessory for compatibility, reliability or safety on your bicycle type. Before installing components or accessories, including but not limited to a different tyre size, lighting system, luggage rack, child seat, trailer, etc., check with your dealer that these parts are compatible with your bicycle. Make sure you read, understand and follow the instructions that come with the products you buy for your bicycle.

Failure to check compatibility, ensure proper installation, operation and maintenance of components or accessories can result in serious injury or death.

Personal protective equipment

· Serious injury or death is possible when riding a bicycle.
· Always wear an approved helmet when riding and follow the manufacturer's instructions in the corresponding manual regarding the adjustment, use and care of the helmet.
· Always wear sturdy shoes with non-slip soles (e.g. profiled rubber soles).
· Preferably always wear gloves.
· Always wear tight-fitting clothing to avoid getting caught in the bike or on objects on the side of the road or path.
· Always wear (clear) glasses that protect against dirt, dust and insects.
· Always wear tinted glasses when the sun is shining.

Basic security instructions

Wear a helmet

Always wear a bicycle helmet that meets the latest certification standards and is suitable for your rides. Always follow the helmet manufacturer's instructions for fitting, using and caring for your helmet.
Most serious bicycle injuries involve head injuries that could have been avoided if the rider had worn an suitable helmet.

DRIVING SAFETY

Obey all rules of the road and all local traffic laws.
You share the road or path with others - motorists, pedestrians and other cyclists. Respect their rights.
Ride in a defensive manner. Always assume that others are not aware of you. Always look ahead and be prepared to avoid problems from the following situations:
Vehicles slowing down, turning, turning into the road or lane in front of you, or coming up behind you.
· The doors of parked vehicles being opened.
· Pedestrians who appear.
· Children or pets playing near the road.

Avoid serious injury or death due to mechanical defects and incorrect use of the bicycle.

· Always carry out a safety test (see Riding your bike section) before riding your bike.
· Familiarise yourself with the brakes, pedals and gears before riding.
· Always ride at a speed that corresponds to the riding conditions.

Avoid electric shock or explosion due to improper handling of the battery and charger. Never open the electric motor, battery or other components!

Incorrect handling of the battery and charger can result in an electric shock or explosion. This can result in serious injury or death.
· Only use the battery contained in the package.
· Never connect the positive pole to the negative pole of the battery.
· Protect the battery from direct sunlight.
· Do not disassemble the battery.
· Only use the charger included in the package to charge the battery.
· Only use the charger indoors.
· The charger plug is the disconnecting device from the mains supply. Ensure that the socket is located near the charger and is easily accessible.
· Only use the charger with an earthed 220 V mains socket.
· Keep the metal contacts clean; if necessary, clean them with a soft, dry cloth.
· Do not charge a battery with visible damage, e.g. a broken casing.
· Do not use a battery with visible damage, e.g. a broken casing.
· Do not drop the battery.
· Charge the battery in a temperature range between 10° and 30°.
Ensure that the charger is only used by persons who do not have limited physical, sensory or mental capabilities.

Avoiding fires and explosions

Never clean your bicycle and its components with a water hose, high-pressure cleaner or steam cleaner!

Moisture, electrically conductive dirt or mechanical damage may cause a short circuit. This may result in the battery catching fire or exploding.
· Only clean the electric motor and the control unit from the outside with a moist sponge. Never use a high-pressure cleaner.
· If you accidentally immerse these components completely in water, disconnect the motor from the battery immediately and do not put it back into operation until it has been checked by the manufacturer.

Avoid serious injuries due to body parts coming into contact with the components of the bicycle. There is a risk of injury when reaching into the chain drive. Never touch the chain drive while riding.

· When riding, parts of the body or other objects may come into contact with the sharp teeth of the chain wheels, the moving chain, the rotating pedals and cranks and the rotating wheels of the bicycle. This can result in serious injury.
· When riding, make sure that your body parts do not come into contact with the mentioned bicycle components.

Avoid serious injuries due to damaged components

When riding off-road or over kerbs, the electric motor, crank or bottom bracket can touch down and be damaged. This can result in serious injury.
· Only use the bike on authorised paths.
· If there are obstacles, step off and lift off the bike.
· If the bike is damaged, have it checked by a specialist dealer.

Avoid riding in wet weather

Wet weather affects traction, braking and visibility, both for the cyclist and for other vehicles on the road. The risk of an accident is extremely high in wet conditions.

In wet conditions, the braking performance of your brakes (as well as the brakes of other vehicles on the road) is drastically reduced and your tyres will not grip nearly as well. This makes it harder to control your speed and easier to lose control. To ensure you can slow down and stop in wet conditions, ride at a lower speed and brake earlier and more gently than in normal, dry conditions.
Wet weather can reduce the grip of the rider's feet on the pedals. If your feet slip off the pedals, a fall may occur.

Avoid serious injury or death in twilight or at night

Cycling at night is much more dangerous than cycling during the day. A cyclist is very difficult for motorists and pedestrians to recognise. Therefore, teenagers should never ride at dusk or at night. Adults who have decided to take on the greatly increased risk of riding at dawn, dusk or at night must take extra care and use special equipment to reduce this risk. Consult your dealer for safety equipment suitable for night riding.
· Drive slowly and carefully, but preferably on familiar routes.
· Avoid dark areas or heavy traffic.
· Be predictable in traffic, ride defensively and be visible to others.
· Expect the unexpected conditions, especially in the dark and in poor weather conditions.
· Continue to learn about cycling safety through literature or lessons.

Avoid serious injury or death due to damaged, bent or loose reflectors and lights

Bicycle reflectors catch the light from street lamps and car headlights and reflect it so that you can be recognised as a cyclist. Damaged, bent or loose reflectors can make it difficult for other road users to recognise you.
This can result in serious injury or death.
· Check reflectors and their brackets regularly.
Have damaged, bent or loose reflectors replaced by your specialist dealer.

Avoid serious injury if driving off-road or over a kerb when driving on uneven terrain!

Riding off-road at inappropriate speeds or over curbs may result in falls. In serious cases, this can result in injury or death.
· Always travel at a speed appropriate to the surrounding conditions.

Avoid serious injury or death by replacing components or adding accessories

There are numerous components and accessories available that can improve the comfort, performance and the appearance of the bicycle. The addition of components or accessories is at your own risk. These components or accessories may not have been tested by themanufacturer for compatibility, reliability or safety. Unconfirmed compatibility, reliability or safety as well as improper installation, use and maintenance of components or accessories and maintenance of bicycle components or accessories can lead to serious injury or even death.
· Always consult your specialist dealer before installing, using and maintaining the component.
· Always read and follow the enclosed instructions for use of the accessories.

Avoid serious injury due to incorrect maintenance, care and cleaning

Incorrect maintenance, care and cleaning can lead to injury or even death.
· Only carry out the activities listed in the maintenance instructions.
· Only use commercially available lubricants and cleaning products.
· Have other maintenance work and repairs carried out by a qualified specialist dealer.

Noise

The A- rated emission sound pressure level does not exceed 70 dB(A).

Avoid disease

Long and frequent sitting on the saddle can potentially cause prostate disease in men.
· Install a saddle (if necessary) suitable for female/male ergonomics.
· If necessary, go for preventative care.

Avoid dehydration from cycling

Cycling is a strenuous physical activity.
· Always make sure you are adequately hydrated.

Avoid freezing temperatures

Cycling in cool or cold temperatures can lead to freezing.
· Always wear appropriate clothing, including face protection, in cool or cold temperatures.

Avoid falls due to sudden start of electric motor assistance

There is a risk of losing control and falling due to the sudden start of electric motor assistance.
· Always test the electric motor assistance before your first ride.
· Always wear personal protective equipment (PPE).

Avoid poisoning

Damaged bicycle components (e.g. batteries, electrical or electronic components) may emit material or vapours. This can result in poisoning of the environment.
· Dispose of used batteries and the electrical or electronic components of the bike in accordance with the legal requirements.
· Observe the manufacturer's instructions for these products.

Avoid property loss

· Improper handling of the battery can lead to property loss.
· Only use the battery supplied with your bike. Even if it is physically possible to connect a different type of battery, this is dangerous and potentially harmful.
· Please DO NOT use this battery in other vehicles or devices. Use of this battery with any other product may cause a dangerous condition that could result in fire causing serious injury or death and property loss.
· Do not disassemble the battery or open the battery compartment. There is a risk of electric shock and damage to the battery.
· Never short-circuit the discharge terminals of the battery. A short circuit will damage the battery and may cause a fire resulting in serious injury or death and property loss. When handling the battery outside the bike, be aware of conductive materials, such as coins, nails, etc., which could cause a short circuit at the battery connections.
· Do not squeeze/bend or puncture the battery. A punctured or bent battery could catch fire or explode, resulting in serious injury or death.
· Protect the battery from water or other moisture.

Charging the battery

Risk of the battery exploding if the wrong charger is used. This can result in serious or even fatal injuries.

· Only use the charger supplied.

· Observe and follow the instructions in the charger manual.

· The battery must be charged in a temperature range between 10° and 30°.

Charging the battery when it is removed from the charger generally results in a slightly longer battery life as the heat generated during the charging process can be released more easily into the air.

You can charge your battery in two ways. By inserting the battery into the bike frame and by removing the battery from the bike frame.

Charging with the battery inserted

You can charge the battery directly at the charging port of the battery without having to remove it.

Charging with the battery removed

To charge the battery, proceed as follows:

· Remove the battery from the holder.

· Ensure that the battery has no visible damage, e.g. a broken casing.

· Place the battery on a non-flammable surface, e.g. ceramic.

· Pay attention to and follow the instructions in the charger manual, if this is enclosed separately.

· Plug the charger jack-plug into the charging port provided on the battery.

· The charging process takes about 6-7 hours. When the charging light is green, the battery is charged.

· Disconnect the mains plug from the wall socket.

· Remove the jack plug from the battery charging port.

· Place the battery back in the holder.

Operating the brakes

Brakes are there to control speed and not just to stop the bike. The maximum braking force of the wheels is available just before the wheels 'lock' (come to a standstill) and then slip. As soon as the tyre slips, you lose most of the braking power and all control of the bike. You need to practise braking and stopping gently and without locking the wheels. This technique is called progressive brake modulation. Your bike is equipped with front and rear brakes. The function of the left brake lever is the front wheel brake and that of the right brake lever is the rear wheel brake.

Pull the brake lever towards the handlebars and gradually increase the braking force.

If you feel that the wheel is locking, reduce the braking force so that the wheel can just continue to turn and does not lock.

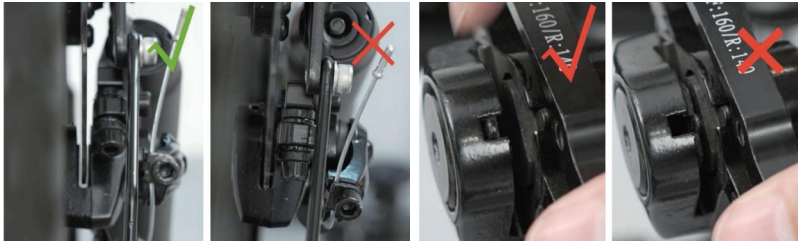
Adjusting the brake force

There is an adjustment screw on each of the brake levers with which the tension of the brake cable can be readjusted. Turn this adjusting screw anti-clockwise to increase the tension and clockwise to reduce the tension. There is a locking nut on the adjusting screw which prevents the setting from changing by itself.

WARNING

► Driving with incorrectly adjusted brakes, worn brake pads or wheels with visible rim wear marks is dangerous and can lead to serious injury or death.
► Braking too hard can lock a wheel, which may cause you to lose control and fall.
Sudden or excessive application of the front brake can throw the rider over the handlebars, resulting in serious injury or death.
► Some bicycle brakes, such as disc brakes and linear-pull brakes, are extremely powerful. Familiarise yourself carefully with these brakes and take particular care when using them.
Some bicycle brakes are equipped with a brake force regulator, a small, cylindrical device through which the brake cable runs and which causes the braking force to be applied progressively. Such a brake force regulator makes the initial brake lever force gentler, with progressively increasing force until full braking power is achieved. If your bike is fitted with a brake force regulator, you should take particular care to familiarise yourself with its performance characteristics.

Some brake force regulators are adjustable. If you like the setting of your brakes, please consult your dealer about adjusting the brake force regulator.
Disc brakes can become extremely hot during prolonged use. Do not touch the disc brakes until they have cooled down.
Follow the brake manufacturer's instructions for the operation and maintenance of your brakes and in the event that brake pads need to be replaced. If you do not have the manufacturer's instructions, contact your dealer or the brake manufacturer.
Only use original spare parts authorised by the manufacturer to replace worn or damaged parts.



BRAKE CONTROLS AND FUNCTIONS

It is very important for your safety that you realise which brake lever on your bike controls which brake.
Traditionally, the right brake lever controls the rear brake and the left brake lever controls the front brake. To make sure that the brakes on your bike are actually set in this way, press one brake lever and see which brake is actuated, front or rear. Do the same with the other brake lever.
Make sure that your hands can easily reach and operate the brake levers. If your hands are too small to operate the levers comfortably, contact your dealer before you ride the bike. It may be possible to adjust the lever range, otherwise you may need a different brake lever design. Most disc brakes have some form of quick release mechanism to allow the brake pads to release the tyre when a wheel is removed or refitted. If the brake quick release is in the open position, the brakes will be inoperative. Consult your dealer to ensure that you understand how the quick release works on your bike and check the function each time before riding to ensure that both brakes are working correctly.

HOW BRAKES WORK

The braking performance of a bicycle is a function of the friction between the braking surfaces.
To ensure that maximum friction is always available, keep your rims and brake pads or disc rotor and caliper clean and free of dirt, lubricants, waxes or polishes.

Brakes should control your speed, not just stop the bike. The maximum braking force for each wheel occurs just before the moment the wheel 'locks up' (stops turning) and begins to slip. Once the tyre slips, you actually lose most of your braking power and all directional control. You need to practise braking and stopping without locking a wheel. This technique is called progressive braking modulation.
Instead of pulling the brake lever to the position where you expect to generate adequate braking force, apply the lever to progressively increase the braking force. If you feel that the wheel is starting to lock up, release the pressure slightly so that the wheel continues to turn only just before the locking limit. It is important to develop a feel for the brake lever pressure required for each wheel at different speeds and on different surfaces. To better understand this, try experimenting a little with the bike and apply different pressure to each brake lever until the wheel locks up.

When you apply one or both brakes, the bike will start to slow down. If you now continue to lean your body forwards as if you were riding at the previous speed, this can cause your weight to shift onto the front wheel (or around the front wheel hub under heavy braking, which could send you flying over the handlebars).
A wheel with more weight absorbs more brake pressure before locking, while a wheel with less weight locks with less brake pressure. So when you apply the brakes and your weight is shifted forwards, you have to shift your body backwards to transfer the weight back to the rear wheel. At the same time, you must both reduce the rear wheel braking force and increase the braking force on the front wheel. This is particularly important on downhill sections, as descents shift your weight forwards.
Two keys to effective speed control and safe stopping are controlling wheel lock-up and weight transfer. This weight transfer is even more effective if your bike has a front fork with suspension. The front suspension 'dips' when you brake and thus increases the effect of weight transfer (see also 'Bicycle suspension'). Practise braking and weight transfer techniques when there is no traffic or other dangers and distractions around you.

Everything is different when you ride on uneven surfaces or in wet conditions. Stopping distance is longer on uneven surfaces or in wet weather. The tyre's grip is reduced so that the wheels have less cornering and braking traction and can lock up with less braking force.
Moisture or dirt on the brake pads reduces their grip. To maintain control on uneven or wet surfaces, you need to brake more gently.

TRANSPORT

Lithium-ion batteries are subject to numerous regulations and are often considered dangerous material by carriers. Inquire about the relevant laws and ask the carrier for authorisation before shipping or transporting a lithium-ion battery by air.

STORAGE

If you store your battery for a longer period of time (longer than two months):
Remove the battery from the bike.
Lithium-ion batteries are best stored at a charge level of 40-60%.
charge the battery to 40-60% every 30 days during long-term storage. Determine the charge level using the integrated charge indicator on the battery or the battery indicator on the bike. Batteries discharge slowly if they are not used for a long time. If the battery capacity is allowed to reach a critically low voltage, its service life and capacity will be permanently reduced.
Always disconnect your charger from the socket and the battery before storing the battery. Avoid storing your battery in extreme temperatures, either hot or cold.
Batteries are best stored in a shady and dry place. Do not allow accumulation of condensation as this could lead to corrosion or a short circuit.
The recommended storage temperature for lithium-ion batteries is between 0-25°C (32-77°F).

CARING FOR AN ELECTRIC BIKE

Maintain your batteries as described in the section ‘Battery care and safety’. This is particularly important if batteries are not used for a long period of time.
Regularly check the cables and electrical connections of your bike for damage. Frayed or heat-damaged cables, loose plugs or poor connections might damage the system.
Store your bike indoors. The condition of a bicycle that is exposed to the weather outdoors will deteriorate very quickly. Never cover a stored bike with plastic, as condensation could damage electrical components. Batteries in particular should be stored in a temperature-controlled, dry environment.
Read all manuals for the components and be careful before using chemicals, paints or cleaning products on the bike's electrical components.

Riding

Do not use it until you have carefully read the instructions and understood the performance of the product; do not lend it to anyone who cannot manipulate the product for riding. Before riding the bike, check that the brakes are working. When braking, please activate the rear wheel brake first and then the front wheel brake. Make sure that the brakes are tight. If the brakes are too loose, tighten them with an Allan key. When riding in the rain or snow, make sure to increase the braking distance.

Applicable age: Riding between 16 and 65 years.

Please always wear a helmet when riding your bike, obey the traffic rules and do not ride on motorway and roads with lots of pedestrians.

Please check the tyre pressure before riding.

The recommended tyre pressure is 15-20PSI.

When riding downhill and on unpaved roads, ensure that the speed does not exceed 15 km/h. When using the motor, be careful not to hit it too hard and keep the rotation shaft lubricated. It is not allowed to ride with more than the maximum body load (the maximum load is 120 KG) After use, the bike cannot be parked in the building hall, evacuation stairs, safety exits, and must be properly parked in accordance with the safety rules.

PACKAGE CONTENTS

1 x Electric Bike

1 x Bike lock

1 x Inflator

1 x Charger

1 x 16-in-1 tool

1 x Wrench
15 mm

1 x User Manual

Carefully check package contents, if anything is missing or damaged, please contact KOOLUX customer service for support.

Note: Please retain the outer packaging of the product in case you need to reship the bike in the future.

PRODUCT OVERVIEW

Figure 1 (Schematic diagram of the whole vehicle)

Note:Product upgrade may cause the actual product you receive is different from the sample in the photo, please do not worry, the specific functions are the same and will not affect your normal use.

1 LCD Display
2 Handlebar grip
3 Brake Lever
4 Headlight
5 Tire
6 Disc brake pad
7 Front Fork
8 Disc Brake
9 Folder
10 Pedal
11 Chainring
12 Battery
13 Chain
14 Transmission
15 Motor
16 Rear Rack
17 Tail Light
18 Seat Tube Clip
19 Seat Tube
20 Saddle

ASSEMBLY

Before beginning the assembly process, please conduct a thorough inspection of the packaging to ensure that all necessary components and accessories are included. If you identify any items that are missing or damaged, please contact us promptly.

PARTS DESCRIPTION

1.Seat&post
2.Pedal
3.Wrench 15 mm
4.16-in-1 Tool
5.Front wheel quick release
6.Front Mudguard
7.Front Wheel Assembly

ASSEMBLY - VEHICLE UNFOLD

1.Open the telescopic adjustment buckle of the foldable standpipe and insert the telescopic standpipe in the direction of the arrow.

2.Insert the telescopic standpipe, adjust the desired height, and press the adjustment buckle in the direction of the arrow in the figure.
Note: If the adjustment buckle is too tight or too loose, please adjust the screw at "1" properly.

3.Stand up the foldable standpipe in the direction of the arrow in the figure and close it.

4.After confirming that the quick release plug is inserted, lift the pull rod and wrench in the direction of the arrow in the figure.

5.Press down the folding wrench in the direction of the arrow in the figure to lock the foldable standpipe.
Note: If the folding wrench is too tight or too loose, please adjust the screw at "1" properly.

ASSEMBLY - FRONT FENDER

1.Pre-install the headlight and fender on the front fork with the headlight fixing screw.

2.Put on the nut.

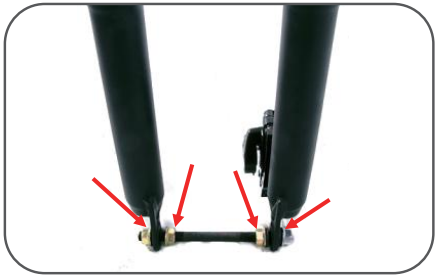
3.Tighten the screws with 16-in-1 Tool #5 allen wrench and #10 socket hand.

4.Remove the mudguard stick fixing screws pre-installed on the left and right sides of the front fork with the 16-in-1 Tool #4 Allen wrench in the kit.

5.Fix the front mudguard sticks in the corresponding screw holes of the front forks and tighten the screws with 16-in-1 Tool #4 allen wrench in the kit.

ASSEMBLY - FRONT WHEEL

1.Loosen the nut in the picture with the 16-in-1 Tool #15 open-end wrench from the kit, and remove the fork leg protection shaft.

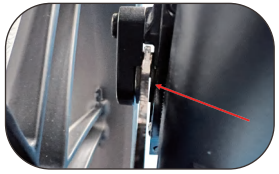


2.Unscrew the nut of the quick release lever, take out the gasket, sleeve and nut on one side.

3.Insert the quick release lever.

4.Insert the sleeve.

Note: Disc brake pads need to be put into the disc brake.



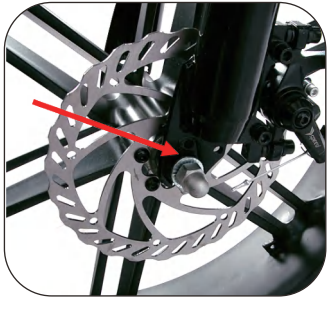
5. Insert the front wheel into the front fork dropout and lock the screws.
Note: During this process, ensure that the front wheel is in the center of the front fork tube. If there is any deviation, please adjust the position of the front wheel.

6.Insert two gaskets and nuts in sequence



7.Use a No. 15 wrench to tighten the nuts on both sides at the same time.
Note: If the gasket is as shown in the picture, please adjust the position of the gasket until it snaps into the groove





ASSEMBLY - SEAT

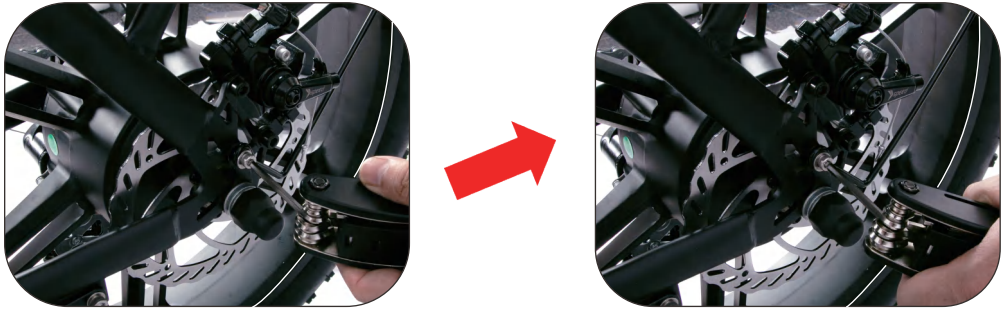
1.Pull the quick release lever of the seat post clamp in the direction shown in the figure.

2.Insert the seat post and adjust it to the desired height (note: the depth of the inserted seat post should exceed the safety mark).

3.Press the quick release lever according to the direction shown in the figure.
Note: If the folding quick release lever is too tight or too loose, please adjust the screw at "1" properly

ASSEMBLY - REAR FENDER STICK

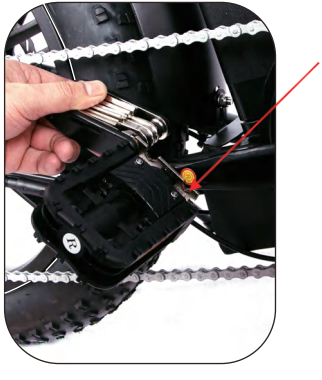
1.Use the No. 4 Allen wrench in the 16-in-1 tool to remove the fixing screws and washers of the fender sticks pre-installed on the left and right sides of the frame, as shown in the figure.



2.Insert the stick, then tighten the fixing screws and washers on both sides, as shown in the figure.

ASSEMBLY - PEDAL

- Left pedal installation:
The letter "L" on the pedal axis indicates the left pedal. Rotate the pedal axis counterclockwise by hand to screw it into the crank arm on the left side, and then use a 16-in-1 Tool #15 open-end wrench to tighten it counterclockwise.



- Right pedal installation:
The letter "R" on the pedal axis indicates the right pedal. Rotate the pedal axis clockwise by hand to screw it into the crank arm on the right side with teeth, and then use a 16-in-1 Tool #15 open-end wrench to tighten it clockwise.

REMOVE & INSTALL THE BATTERY

ASSEMBLY - BATTERY REMOVAL & INSTALLATION

1.Find the seat handle and pull it up.

2.Turn the seat upwards to flip.

3.Use the key to turn to the "PUSH" position to take out the battery.

4.Pick up the battery handle to remove the battery.

ASSEMBLY - BATTERY INSTALLATION

1.Find the seat handle and pull it up and turn the seat upwards to flip.

2.Align the notch at the bottom of the battery with the slide.

3.Put the battery down.

4.Press down to restore the seat.

Function introduction:

(Picture 1)

1. Charging: Unscrew the plastic cover on the battery (Picture 1), connect the charger to start charging, when the battery is full and the indicator light of the charger changes from red to green, it means it is fully charged.

(Picture2)

(Picture 3)

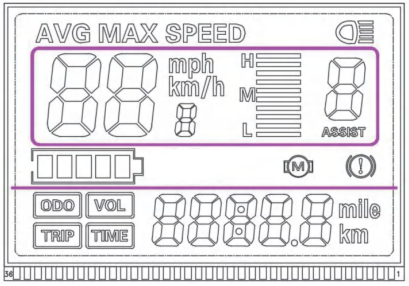
2. Power on: refer to Picture 2, turn on the battery switch; refer to Picture 3, press and hold  button to turn on/off .

3. Power display: After powering on, the dashboard lights up to display the power, and the power is divided into 5 grids, corresponding to high, medium and low power.

4. Headlights: refer to Picture 3, long press the  button to turn on/off the headlights.

5. Start: power-assisted riding, short press  to adjust to 1st gear after power on, step on the bicycle sprocket, start the motor to assist. If motor assistance is not required, turn off the power or turn off the battery or set the gear to 0.

MANUAL CONTROL INSTRUMENT PANEL INSTRUCTION



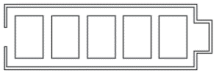
Function description:

1. Display function
Speed display, power assist display, power indicator, fault prompt, mileage display, voltage display, single boot time, 3.75mph boost, brake indication, headlight display

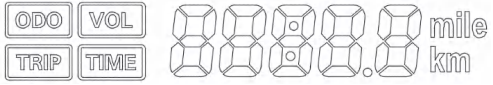
2. Control, set function
Power switch control, headlight switch control, 3.75mph booster setting（WALK mode）, 3-speed booster ratio setting, speed display switching, mileage and single boot time and voltage display switching.

3. All contents of the display screen (full display within 1s after booting)

Display content introduction

1.Voltage status level POWER 

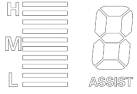
2.Multifunctional display area



Total mileage ODO, single mileage TRIP (unit: mile, km), single boot time TIME, battery voltage VOL

3.Speed display area 

AVG： Average speed, MAX: maximum speed, SPEED: current speed; unit Mp/h, km/h

4.Bike power-assisted gear adjustment
, 0-3 digital display and gear bar display; 

5.Bike status display area

Motor Failure；

Brake Reminder；

Headlights on Reminder;

Button Introduction

The specific combination of buttons is as follows

Use Introduction
Button operation is divided into short press and long press.

Specific operation explanation

Ⅰ、Switch LCD

1.In the off state, press and hold the  button to turn it on;

2. In the power-on state, press and hold the  button to turn it off.

Ⅱ、Change the assist gear in power-on state

1. Short press  button, assist gear will be + 1

2. Short press  button, assist gear will be - 1

III、Switch speed display area content

1. In the power-on state, long press the  button and  button at the same time to complete the display switching between the average speed, the maximum speed and the instantaneous speed.

IV、Set/release 3.75mph boost, switch headlight

1. When the bike is stationary, press and hold the  button to enter the 3.75mph boost cruise mode. Press any brake to exit this mode.

2. Press and hold  button to turn the headlights on or off.

V、Switch the content of the multi-function display area

1. In the power-on state, short press the  button to switch the display data in the multi-function area.

Error code	Code meaning	Inspections
E00		Normal Status
E06	Battery Undervoltage	Check that the battery is fully charged. If this error code still appears after a full charge you need to replace the battery.
E07	Motor Failure	Check the rear wheel motor wiring for damage, if the error code still appears after replugging or damaged, the motor will need to be replaced.
E09	Controller Failure	Check all wiring on the controller for damage, if the error code still appears after replugging or damaged, the controller will need to be replaced.
E10	Communication Receiving Failure	1.Check whether there is any damage in the display wire. 2.Check whether the controller and display plug connection is intact. 3. Unplug the power sensor to see if it reports error, not report that is the sensor short-circuit damage, need to replace the sensor. 4. Unplug the motor line to see if the error, not reported that the motor hall short circuit damage, need to replace the motor to solve the problem. 5. The above can not solve the problem with the replacement method, replace the controller or display to troubleshoot the problem.
E11	Communication Sending Failure	1.Check whether there is any damage in the display wire. 2.Check whether the controller and display plug connection is intact. 3. Unplug the power sensor to see if it reports error, not report that is the sensor short-circuit damage, need to replace the sensor. 4. Unplug the motor line to see if the error, not reported that the motor hall short circuit damage, need to replace the motor to solve the problem. 5. The above can not solve the problem with the replacement method, replace the controller or display to troubleshoot the problem.

Serial number	Common problems	Solution
1	The tyres are leaking.	1. We recommend deflating the tyre first and then inflating it with professional equipment 2. If still leaking, the inner tube needs to be replaced. We can supply the spare parts and let the customer replace it according to our video.
2	Brake noise	Firstly, we should find out where the noise is coming from. 1. The noise comes from the tyre brake area -> Let's send the customer a video to adjust the brake noise. 2. There is a noise when the handbrake is applied -> let the customer apply the brake several times. 3. The disc of the disc brake rubs against the rim. -> Let's check whether the disc is bent.
3	Wheel unstable, wobbly	Tighten the screws that fix the disc brakes. If this does not work, refit the tyres. If it still doesn't work, change the wheel. We can provide spare parts.
4	Display blurred by moisture	If there is moisture inside the display, first place the bike in the sun for a while. If it still does not work, you will need to replace the display. We can provide spare parts.
5	No power when pedalling	1. Check if the display parameter value is the default value. 2. If the display parameter value is normal, turn on the display and long press the "-" button to check if the 6km/h boost is working. If it is working, replace the boost sensor. If it is not working, you also need to check if the display shows the speed value by idling the pedal. If the speed value is displayed, you need to replace the controller. If the speed value is not displayed, you need to replace the display. Note: Display failure requires more detailed judgment to confirm. We recommend that you contact the seller to solve this problem.
6	Problem with the display	Problem with the display 1. The display does not show any speed/mileage -> plug the motor connector back in. If it still does not work, replace the motor. 2. The display switches off while driving, then switches on again and stays on and cannot be switched off. -> Replace the display. 3. The battery shows full charge, but the display shows empty charge and flashes constantly. -> Check the parameters. If it still does not work, change the display.

PRODUCT SPECIFICATION

ITEM	SPECIFICATIONS
Model	BK6
Package Dimensions	152*30*73cm(59.8*11.8*28.7 inch)
Product Dimensions	Unfolded: 182*60*110cm(71.6*23.6*43.3 inch)
	Folded: 93*55*76cm(36.6*21.6*29.9 inch)
Rated Load	120kg(264.5lbs)
Gross Weight	40kg(88.18lbs)
Net Weight	33.2kg(73.19lbs)
MAX Speed	25km/h (15.5mph)
Battery; Charger	Input 100-240V 50/60HZ AC plug; Output 54.6V/2.0A
Battery capacity	13Ah(624Wh)
Nominal Voltage; Motor Specification	48V; 0.25kW
Ride Range	45km-90km (Affected by load, temperature , road conditions, riding mode , etc . E.g. At 75kg and 25 ℃, the max range in electric mode can reach 45KM, and the moped range depends on the load and riding style)
Gear	7S

ITEM	SPECIFICATIONS
Max Angle of Climb	25 degrees
Charging Time	6.5-7 hours
Wheel Type	Integrated tire
Tie Pressure	15-20 P.S.I
Tire Size	20"×4.0"(Inflatable tire) The inner tube valve is AV (Auto Valve)
Brake	Front and rear disc brakes
Front Fork	Front suspension Fork
Frame Material	Iron
IP Level	IP54

Note: The maximum speed can be affected by factors such as power, load, tire pressure, road conditions, and lubrication of the chain and axle. Range and mileage can be influenced by driving habits, temperature, load, tire pressure, road conditions, and other factors.

Precautions

1. Before connecting or disconnecting the display, please make sure to turn off the power first, as live operation will cause permanent electrical damage to the display;
2. When installing the display, make sure that the torque value of the reinforced hexagon head screw does not exceed 1Nm, as excessive torque may damage the instrument structure;
3. Do not soak the display in water;
4. When cleaning the display, you can use a soft cloth dipped in water to wipe the surface, but do not use detergent or spray liquid on the surface;
5. Please observe local laws and regulations when disposing of this device and do not dispose of or recycle it or its accessories as household waste;
6. Display damage and failures caused by incorrect assembly or unauthorized modification of parameter values are not covered by the after-sales warranty.

Maintenance and after-sales

Daily maintenance and cleaning

Do not immerse the meter in water or use water spray to clean the meter. Please use a soft cloth moistened with clean water when cleaning. Do not wipe with detergent.

Disposal

To dispose of the bicycle at the end of its life, proceed as follows:
- Dispose of the bicycle and its components, such as the battery and electrical and electronic components, in accordance with local laws and regulations, e.g. via a recycling center.
- Please note the information provided by the battery manufacturer and the manufacturer of electrical and electronic components.

Maintenance Contact Information

Thank you for choosing KOOLUX. We offer warranty and lifetime after-sales support for our KOOLUX products. If you have any questions, please contact our after-sales support team. We will provide you with technical support and suitable solutions as soon as possible.

KOOLUX After-Sales: info@kuantuscooter.com

Declaration of Conformity

CE

This declaration of conformity is established under the sole responsibility of the EU representative:

-Company : Brianna Sarl

-Address : 6 rue d'Armaillé 75017 Paris

-Email: info@kuantuscooter.com

We therefore officially declare that the document is issued under our sole responsibility and belongs to the following product:

Trademark:	KOOLUX
Product model:	**BK6**
Product Description:	Pedelec
Manufacturer	Zhejiang Kuantu Industry And Trade Co. Ltd Add: 12 Xinhui Road, Xinbi Street, Lishui, Zhejiang, China. Email: info@kuantuscooter.com

Compliance of the product concerned has been assessed and certified according to:

European	**European Directives**	**Testing Standards**
Pedelec	MD Directive 2006/42/EC	EN 15194:2017+A1:2023 EN ISO 12100:2010
	EMC Directive 2014/30/EU	EN IEC 55014-1:2021 EN IEC 55014-2:2021 EN 61000-4-2:2009 EN 61000-4-4:2012 EN 61000-4-5:2014+A1:2017 EN 61000-4-6:2014+AC:2015 EN IEC 61000-4-11:2020
	LVD Directive 2014/35/EU	EN 60335-1:2012+AC:2014+A11:2014+A13: 2017+A1:2019+A2:2019+A14:2019+A15:2021 EN 60335-2-29:2004/A11:2018 EN 62233:2008
	ROHS 2.0 Directive 2011/65/EU	EN 62321-5:2014 EN 62321-4:2014+A1:2017 EN 62321-7-1:2015 EN 62321-7-2:2017 ISO 17075-1:2017 IEC 62321-6:2015 EN 62321-8:2017
Battery	EN IEC 62133-2:2017 2006/66/EC	EN 62133-2: 2017+A1:2021 IEC 62133-2:2017/AMD1:2021 UN38.3

Notify body :
Shenzhen STL Testing Technology Co., Ltd.

For and on behalf of
BRIANNA SARL
Stuart Wei, CEO
26.05.2024
Authorized Signature(s)

Declaration of Conformity

CE

This declaration of conformity is established under the sole responsibility of the UK representative:

-Company : MASILI SOLUTIONS LTD

-Address: OFFICE 11, AUSTIN COURT 64 WALSALL ROAD SUTTON COLDFIELD UNITED KINGDOM B74 4QY

-Email: info@kuantuscooter.com

We therefore officially declare that the document is issued under our sole responsibility and belongs to the following product:

Trademark:	KOOLUX
Product model:	**BK6**
Product Description:	Pedelec
Manufacturer	Zhejiang Kuantu Industry And Trade Co. Ltd Add: 12 Xinhui Road, Xinbi Street, Lishui, Zhejiang, China. Email: info@kuantuscooter.com

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	LVD Directive 2014/35/EU	EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A2:2019+A14:2019+A15:2021 EN 60335-2-29:2004/A11:2018 EN 62233:2008
	ROHS 2.0 Directive 2011/65/EU	EN 62321-5:2014 EN 62321-4:2014+A1:2017 EN 62321-7-1:2015 EN 62321-7-2:2017 ISO 17075-1:2017 IEC 62321-6:2015 EN 62321-8:2017
Battery	EN IEC 62133-2:2017 2006/66/EC	EN 62133-2: 2017+A1:2021 IEC 62133-2:2017/AMD1:2021 UN38.3

Notify body :

Shenzhen STL Testing Technology Co., Ltd.

For and on behalf of
MASILI SOLUTIONS LTD

Jun Liang . CEO
21. 05. 2024

Authorized Signature(s)

Warranty Card

Customer Information:

Name: _____

Address: _____

City: _____

State/Province: _____

Postal Code: _____

Country: _____

Phone: _____

Email: _____

Bicycle Information:

Model: _____

Serial Number: _____

Purchase Date: _____

Instructions:

Please fill in the customer and bicycle information above.Keep this warranty card in a safe place.Present this card along with proof of purchase for any warranty service.This warranty card is valid for the warranty period specified.

Important:

This warranty card is non-transferable.For warranty service, contact the authorized dealer/center listed above.This simple warranty card template provides a space for customers to fill in their personal details, bicycle information, and warranty period. It also includes instructions for use and a section for the customer's signature, ensuring that the warranty is personalized and official.