Bpm Imports
Sporting Goods

ELECTRIC BIKES

ASSEMBLY INSTRUCTIONS & OWNERS MANUAL

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ELECTRIC BIKES

First of all, we would like to thank you for choosing the BPM electric bike. We believe this technology, with the beneits of electric propulsion, provides you with the perfect vehicle to increase your personal mobility.

Our geared, brushless, electric hub motor allows you to run errands or commute to work while saving money on gas and reducing your environmental impact on our world. It also gives you the opportunity to pedal if you want to get exercise along the way.

All this and it is just plain fun to ride!

If you have any concerns, questions or suggestions about the BPM electric bike, please contact us at barakasulin@yahoo.com. Again, thanks for choosing BPM!

PLEASE NOTE:
THIS MANUAL IS NOT INTENDED AS A DETAILED USER, SERVICE, REPAIR OR MAINTENANCE MANUAL. PLEASE SEEK ASSISTANCE FROM A QUALIFIED TECHNICIAN FOR SERVICE, REPAIRS OR MAINTENANCE.

WARNING

Electric Bikes can be dangerous to use. The user or consumer assumes all risk of personal injuries, damage, or failure of the bicycle or system and all other losses or damages to themselves and others and to any property arising as a result of using the bicycle.

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.

For replacement parts, technical information and warranty assistance, please contact barakasulin@yahoo.com

YOUR INSURANCE POLICIES MAY NOT PROVIDE COVERAGE FOR ACCIDENTS INVOLVING THE USE OF THIS BICYCLE. TO DETERMINE IF COVERAGE IS PROVIDED YOU SHOULD CONTACT YOUR INSURANCE COMPANY OR AGENT.

DO NOT DISASSEMBLE, MODIFY OR REPLACE ELECTRICAL PARTS.

ASSEMBLY INSTRUCTIONS

For City Commuter and Stretch

Your bike has been pre-assembled and requires only a few simple steps to get it ready for you to ride:

1. Remove the outside carton after cutting the nylon bands and lift off the entire box from the tray at the bottom. Carefully remove your bike from the bottom tray and gently rest it in place with the kickstand down.

2. Remove all of the inside cardboard protection and bubble wrap.

3. Please locate and set aside the kit box containing the battery charger, pedals, and tool kit.

4. Insert the handlebar stem into the frame of the bicycle. You may adjust the height of the handlebars by moving the stem up or down to your comfort level. Place your thumb on the black locking mechanism on top of the stem, push up and lift the lever up exposing the adjustment screws (Figure 1).

5. Move the stem so that you can see directly down the hole (Figure 2).

Figure 1

Figure 2

6. Insert the 6 mm allen wrench (supplied in the kit) into the hole and tighten the screw clockwise until the stem does not move separately from the front wheel (Figure 3).

7. Make sure the handlebars are aligned with the front wheel before tightening, and the stem is not set above the maximum height indicator.

In order to get the bolt securely tight, you may need to use a pair of pliers for leverage

Figure 3

Figure 4

8. Position the handlebars to your desired comfort level and lock them into place by pushing the handle back down. If there is movement after pushing the handle down or it is too tight to push down, you can tighten or loosen the screw (Figure 4) with a 14 mm wrench provided in your kit.

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ASSEMBLY INSTRUCTIONS

For Boomerang, Boomerang Plus, Comfort Cruiser, Interceptor, & Tandem

Your bike has been pre-assembled and requires only a few simple steps to get it ready for you to ride:

1. Remove the outside carton after cutting the nylon bands and lift off the entire box from the tray at the bottom. Carefully remove your bike from the bottom tray and gently rest it in place with the kickstand down.

2. Remove all of the inside cardboard protection and bubble wrap.

3. Please locate and set aside the kit box containing the battery charger, pedals, and tool kit.

4. The handlebars must be adjusted for height and alignment. First, remove the rubber protective cap and insert the handlebar stem into the frame of the bicycle (Figures 1 & 2).

5. With the 6 mm allen wrench provided in the tool kit, tighten the screw on top of the stem underneath the rubber protective cap to secure the handlebars in place. Make sure the handlebars are aligned with the front wheel before tightening and that the stem is not set above the maximum height indicator.

Figure 1

Figure 2

Figure 3

Figure 4

6. If need be, the angle of the handlebars may be positioned to your personal preference. Loosen the front 2 bolts on the front stem plate and angle the handlebars to your liking (Figure 3), then securely tighten the 2 bolts on the front stem plate. Make sure that, when tightening, there is even spacing between the top and bottom bolts to ensure maximum stability (Figure 4).

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ASSEMBLY INSTRUCTIONS

For Trail Tracker

Your bike has been pre-assembled and requires only a few simple steps to get it ready for you to ride:

1. Remove the outside carton after cutting the nylon bands and lift off the entire box from the tray at the bottom. Carefully remove your bike from the bottom tray and gently rest it in place.

2. Remove all of the inside cardboard protection and bubble wrap.

3. Please locate and set aside the kit box containing the battery charger, pedals, and tool kit.

4. Install the front wheel by aligning the brake and fork and tightening the axle nuts with the 15 mm wrench provided with your kit. Make sure that the hooked washers are on the outside of the fork and are properly secured.

5. If necessary, align the stem with the front wheel and tighten the top stem bolt enough to hold the stem in place. Once the handlebars are aligned and the top bolt is slightly secured, firmly tighten the 2 side bolts on the stem. After tightening the 2 side bolts, firmly tighten the top bolt. After all 3 bolts have been securely fastened, make sure there is no play in the headset.

Figure 3

Figure 4

Be careful to not tighten the top bolt too much as the steering will feel rigid and sluggish.

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ASSEMBLY INSTRUCTIONS CONT.

For All Bikes

Make sure the seat is tight enough so that you can't twist it out of alignment. Pull the seat clamp handle away from the seat post and slide the seat up or down to adjust it (Figure 1). Move the clamp handle inward toward the seat post so it is held tight by the clamp (Figure 2).

Figure 1

Figure 2

If necessary, tighten the clamp by twisting the clamp handle clockwise while in the unclamped position. Then, fold the handle in toward the seat post. This should require a fair amount of force to ensure the seat post is held tight. If necessary, the clamp can be further tightened with a 5 mm allen wrench while in the clamped position. Make sure the seat is not set with the vertical maximum height marks above the clamp.

Using the 15 mm wrench provided in the tool kit, attach and tighten the pedals. PLEASE NOTE – The pedals are marked "L" for Left and "R" for Right. The left pedal is attached by turning it counterclockwise and the right pedal is tightened by turning it clockwise. Make sure the pedals are tightly attached to the crank arms to prevent stripping.

If the disc brakes are rubbing after installation, refer to Customer Help on our website at **www.pedegoelectricbikes.com/faqs/customerhelp/**

TORQUE SPECIFICATIONS

Item	Nm
Handlebars	18N.m (Trail Tracker 12N.m)
Handlebar Stem	12N.m (Trail Tracker 8N.m)
Seatpost	Quick Release
Seat	18N.m
Front Wheel	18N.m (If Applicable)
Rear Wheel	30N.m or above

SAFETY

Helmet:

Always wear an approved helmet while riding your Pedego and follow the helmet manufacturer's instructions for fit, use and care of your helmet. It is your responsibility to familiarize yourself with the laws of where you ride your Pedego and to comply with all applicable laws.

Mechanical Safety Check:

Check the condition of your Pedego before every ride. Make sure no nuts, bolts or fixings are loose, with particular attention to the axle nuts and handlebar stem. Make sure the tires are correctly inflated with the recommended air pressure that is located on the side wall of every tire. Check the brakes for proper operation.

You must take your bike in to be serviced and checked by a qualified bike mechanic before 100 miles (161 kilometers) of riding. This is a standard good practice for any new bike as cables will stretch and components will 'bed in'. The service must include spoke tensioning for both front and rear wheels.

Your First Ride:

When you buckle on your helmet and go for your first ride, be sure to pick an area away from cars, other cyclists, obstacles or other hazards in order to become familiar with the controls, features and performance of your new Pedego.

Additional Passengers:

The Pedego bikes are designed for one passenger only (excluding Tandems). DO NOT carry any additional passengers on the front or rear of the bike. The rear rack holding the battery is not designed to carry the weight of any additional passengers, including baby carriers.

Weight Capacity:

Pedego Electric Bikes are designed with a maximum weight capacity of 250 pounds for all models. The rear rack maximum weight capacity of a Pedego (if applicable) is 25 pounds. Exceeding the maximum weight capacity can result in damage of the bike which can lead to serious injury.

OPERATING PROCEDURES

For Boomerang, Boomerang Plus, City Commuter Comfort Cruiser, Interceptor, & Tandem

To be able to use the electric motor, the battery must be mounted by sliding the fully charged battery forward into the battery holder.

Locked

Open

The battery automatically locks into the bike when fully inserted in the battery holder. The locking mechanism is spring loaded and unlocks when the key is turned to the open position, allowing the battery to slide out. The battery must be locked when riding or it may fall out. The key does not have to be in to operate the bike.

On

Off

The on/off switch is located on the bottom of battery. After fully inserting the battery into place, turn the battery on by flipping the switch to the "|" position. Be sure to turn off the power when the Pedego is not in use or is recharging by clicking the battery switch to the off "O" position.

OPERATING PROCEDURES

For Trail Tracker

The battery must be mounted by sliding the fully charged battery forward onto the rear rack, over the rear wheel, through the channels on the battery while the carry handle is positioned at the rear. The key switch position must be in the “unlock” position to slide the battery on.

Unlock Position

Off Position

On Position

Plug the power cord into the battery. Turn the key to the “ON” or “OFF” position to extend the locking mechanism onto the bike to securely fasten the battery onto the bike. To remove the battery, turn the key to the “UNLOCK” position and pull towards the rear of the Pedego. Be sure to turn the battery off when not in use so it does not drain the battery.

OPERATING PROCEDURES

For Stretch

Lift up the seat by pressing the lever on the rear of the saddle to create room to insert and remove the battery. Line the grooves on the back of the battery with the battery holder and insert it fully, then turn the key switch to the “LOCKED” position to secure the battery in place. The key switch must be in the unlock position to slide the battery in and out.

The on/off switch is located on the side of battery. After fully inserting the battery into place, turn the battery on by flipping the switch to the “|” position. Be sure to turn off the power when the Pedego is not in use or is recharging by clicking the battery switch to the off “O” position.

SAFETY AND RESPONSIBILITY

Getting to Know Your Cargo Bike:

Carrying a load and riding a long-wheelbase bike both require getting accustomed to. Practice maneuvering and braking on a flat, hazard-and traffic-free street with and without a load before going out into the world. Carrying a seated passenger or heavy load involves risks, foremost of which can be decreased braking power and increased stopping distance. The maximum weight capacity is 400lbs (180kg) shared between the rider and cargo.

Seating on the Carrier Seat:

Standing, kneeling, or sitting backwards or sideways (both legs on the same side of the bike) on the carrier seat while the bike is moving or stopped can easily result in broken limbs, loss of control of the bike, destroyed rims, a destroyed bike frame, or worse. Do not use with passengers on the carrier seat unless the side skirts are attached.

Children:

The user of this product acknowledges both an understanding and an assumption of the risks involved in cycling, cycling with cargo, and cycling with a passenger. Children incapable of riding a bike on their own or under the age of 6 should not ride on the Pedego Stretch as passengers, unless it's equipped with an approved Child Seat accessory. Children should not ride as passengers without an adult operating the Pedego Stretch. Do not use with children unless the side skirts are attached.

Use Good Judgement:

Make sure no straps are dangling where they could get caught in the wheels - No bags, boxes or any items are in a position where they could be caught in the spokes - Double check your load for security and stability - Check that your brakes are well adjusted - Check to see that your wheels are securely fastened - That your helmet (and head) is securely fastened - That no components or frame members are cracked or broken (in general, if at any time you notice a crack or bend in your bike, stem, forks, or bars of your bicycle, stop riding immediately; take your rig to your local bike shop and have them inspect it)

PEDAL ASSIST MODE

For Boomerang Plus, City Commuter, Interceptor, Stretch & Trail Tracker

Your Pedego is equipped with an LCD meter that monitors pedal assist, speed, odometer, trip distance, riding time, and battery energy level. To turn the meter on, make sure the battery is fully inserted into the Pedego and the on/off switch is in the on "|" position.

Press the power button (top button) on the four button selector located near the left grip on the handlebars to turn the meter on. You can adjust the pedal assist power level to have more power by hitting the [+] button (third button) and can move to a lower level power by hitting the [-] button (fourth button).

If you set the pedal assist power level to "0", then the pedal assist function of the bike is disengaged and the bike can be powered by the throttle on the right grip. When first riding your Pedego, you will notice that when the pedal assist function is activated, the motor will supply power when you turn the pedals forward.

In pedal assist level 1, you will get assistance at around 40% of the maximum power from the motor. In level 5, you will get 100% assistance from the motor. Experiment with the different levels of pedal assist to become familiar with how much power you want. You will need different levels of assist for different riding conditions.

When not riding the bike, you can turn off the meter by holding down the power button (top button) for several seconds.

METER PROGRAMMING & USE

For Boomerang Plus, City Commuter, Interceptor, Stretch & Trail Tracker

The LCD meter on your Pedego can be programmed to change various functions.

Hold "SET" for 2 seconds to enter the setup interface.
"SET 1" - Press [-] and the Trip will reset to 0.
"SET 2" - Set the max speed.
"SET 3" - Set the wheel size.
"SET 4" - Set the bike in either MPH or KPH

Hold "SET" for 2 seconds to exit the setup interface.

Press the set button (second button) to switch the display information. The order is: Trip Distance (TRIP), Riding Time (TIME), and Odometer (ODO).

Press the power button (top button) once while the meter is on to turn on the backlight, as well as the integrated front and rear lights on the Pedego. Press it once more to turn the lights and backlight off.

Each LCD Meter comes with a USB port attached to the bottom of the meter to charge your mobile devices. Hold down the [+] and set buttons for 2 seconds to turn on the USB charging. Hold the same buttons again for 2 seconds to turn this feature off.

The bars are an indicator that displays the amount of power that is being drawn from the battery. The more bars that are displayed, the more battery power is being used to power the Pedego.

After 5 minutes of inactivity, the LCD Meter will automatically turn off to conserve power.

HAND THROTTLE CONTROL

For Boomerang Plus, City Commuter, Interceptor, Stretch & Trail Tracker

When the pedal assist mode is set to “0”, the pedal assist function does not engage and the throttle will accelerate the bike forward. The throttle control is operated on the right hand side. You control the throttle by twisting it from its resting position. The farther the throttle switch is from its resting position, the more power is delivered to the motor to accelerate the Pedego. When you want to slow down, you simply release the throttle and let it return to its resting position and simultaneously apply the brakes. The Pedego also comes with a Throttle Override function which allows the throttle to work in pedal assist modes.

Twist Throttle

Power Button

For Boomerang and Comfort Cruiser

The red power button located on the right handle toggles on/off. The throttle control is operated on the right hand side. You control the throttle by twisting it from its resting position. The farther the throttle switch is from its resting position, the more power is delivered to the motor to accelerate the Pedego. When you want to slow down, you simply release the throttle and let it return to its resting position and simultaneously apply the brakes.

LIGHTS

For Interceptor, City Commuter and Boomerang Plus:

Your Pedego comes equipped with integrated front and rear lights that operate from the battery. To turn the lights on, push the power button on the LCD meter. To turn the lights off, repeat pushing down the power button on the LCD meter.

For Comfort Cruiser and Boomerang:

Your Pedego comes with an integrated rear light that operates from the battery. To turn the light on simply press the “Rear Light” button located on the battery.

For Stretch and Trail Tracker:

Your Pedego comes with an integrated front light that operates from the battery. To turn the light on press the power button on the LCD meter. To turn the light off repeat pushing the power button on the LCD meter.

Rear Light

Front Light

CHARGER

Included with your new Pedego is a lithium ion battery, along with a charger, which plugs into a standard household electric receptacle.

A lithium ion battery requires specially designed chargers. You should never charge your battery with a substitute charger that is not designed for this use. Use of an unsuitable charger to charge a lithium ion battery could result in over-heating, fire or even explosion.

48V Charging Plug

36V Charging Plug

48V Charging Plug

Recharging the Battery

Figure 1

The Pedego battery may be charged while on the bike or removed and charged at a location away from the Pedego. The battery is easily removed by turning the key switch to the open/ unlock position, grasping the rear of the battery, and sliding the battery to the rear of the Pedego.

Figure 2

To charge the battery, plug the charger into an AC outlet. The LED indication light should be green showing the charger is working normally. Then plug the charger into the charging port located on the bottom of the battery by sliding open the charger cover (Figure 1) or lifting the handle (Figure 2) and inserting the plug.

BATTERY AND CHARGER CARE

The charger will charge a fully depleted battery in 5—6 hours. The indicator light on the charger will be red / orange when battery is charging and will turn green when fully charged.

Avoid subjecting the battery to high temperatures, such as directly under the sun, for prolonged periods of time. Recharge the battery before it becomes completely discharged. Completely discharging will reduce the numbers of recharging cycles during the battery's life and limit the capacity. Never store the battery in a discharged state. After much use, your battery's charge-holding capacity will decrease. If you find that your battery does not hold a sufficient charge, you should contact your local dealer to order a replacement.

If the battery will not be used for an extended period of time, charge it fully and recharge it every 2 months. Store it in a cool, dry place. Your Pedego battery is engineered with precision for high capacity and a long, useful life. Do not use it to power other electrical devices. Improper use of the battery will damage the battery and shorten its useful life and may cause fire or an explosion. If you experience unusual sounds or odors coming from the charger or the battery, unplug charger immediately and contact Pedego customer service.

- **Recharge battery after every use.**
- **Do not disassemble or alter the battery or battery charger.**
- **Do not place the battery near fire or corrosive substances.**
- **Do not allow any liquids on or inside the battery/charger.**
- **Do not expose the battery/charger to extreme weather conditions.**
- **Do not operate the battery/charger if damaged.**
- **Recharge the battery only with a charger specified by the manufacturer.**
- **Do not use the battery/charger for any use other than its intended purpose.**
- **Only use the battery/charger on Pedego approved products.**

FUSE

The fuse is designed to protect the battery. If the fuse blows, there will be no power to any of the electrical components powered by the battery. You can replace the fuse with a standard automotive 40 amp fuse or contact Pedego customer service at support@pedego.com.

Figure 1


Figure 2

For Boomerang, Boomerang Plus, City Commuter, Comfort Cruiser, Interceptor & Tandem

The fuse is located on the bottom of the battery, between the charging port and the On/Off switch (Figure 1).

For Trail Tracker

The fuse is located on the end cap opposite of the key slot where you turn the battery on and off (Figure 2).

For Stretch

The fuse is located on the bottom on the battery, opposite of the handle. It is the same style fuse as shown in Figure 1.

GEARS

Your Pedego is equipped with 7 speeds. The first gear is for easier and uphill pedaling, and the last gear is for maximum speed on level or downhill terrain. Change gears only while pedaling. The rear wheel contains seven chain sprockets. When the chain is around the largest sprocket, you are in 1st gear, or the lowest gear. The high gear will have the derailleur positioned so that the chain is directed around the smallest gear. Every position on the gear selector should cause a gear change. Adjustments require fine tuning and should only be made by a qualified technician.

Avoid changing gears very rapidly from first gear to the last gear or vice versa. If you change multiple gears too quickly, you could have the chain come off the front sprocket.

Thumb Shifter

7 Gears

BRAKES

Your Pedego is equipped with disc brakes for maximum reliability. Applying hand pressure to the brake levers will cause the wheel brake to cause friction against the brake disc, slowing the wheel. The more hand pressure applied to the brake lever, the faster the Pedego will come to a stop.

The rear brake should always be applied before and while the front brake is applied. Applying only the front brake to slow or stop at high speeds may result in the rider being ejected from the saddle and continuing forward over the handlebars. It is best to apply even pressure to both brake levers when slowing or stopping.

Bicycles equipped with disc brakes will occasionally make a slight scraping noise when the wheels are turning without the brakes being applied. This is normal.

Make sure that the brake lever does not contact the handle bar when full hand pressure is applied (Figure 2). If so, then the brakes must be adjusted by increasing the tension on the cable.

A quick adjustment may be made by screwing or unscrewing the threaded barrel adjuster on the brake lever until brakes are fine-tuned for safe stopping (Figure 1). If the brakes are still not operating correctly, they may require further adjustment by an experienced bicycle mechanic.

Figure 1

Figure 2

WARNING:

• Disc brake rotors become hot during use. Do not touch or come in contact with the disc rotor shortly after use.

• Wet weather will require a longer distance to stop. Brake earlier and avoid sudden stops when riding in wet conditions.

KICKSTAND

For Boomerang, Boomerang Plus, City Commuter, Comfort Cruiser, Interceptor, & Trail Tracker

The “side stand” style kickstand has a single leg that flips out to one side and allows the bike to lean against it.

For Stretch & Tandem

The motorcycle style kickstand has two legs that are designed to expand as the kickstand is put in the down position and contract as it goes into the up position.

Please do not sit on your Pedego with the kickstand in the down position.

TIRES & INNER TUBES

Pedego inner tubes (excluding Trail Tracker models) contain a chemical substance to reduce the chance of deflation when contacted with a road hazard. Tires should not be deflated unless necessary. A green substance will be discharged from the air valve when deflated. It is not harmful unless it is ingested. To minimize tire wear and for maximum riding safety, comfort and handling, maintain recommended tire air pressure which can be found on the side wall of all tires. Use a reliable tire air pressure gauge to check for proper inflation before every ride. At the same time, inspect tires for excessive wear and cracks. Replace tires if necessary.

KEYS

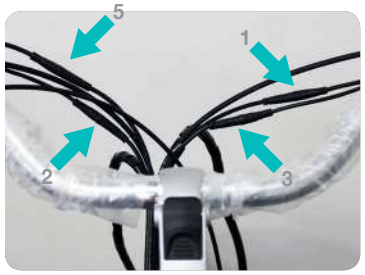
The keys are used to lock the battery into place. Always make sure that the key position is in the “open” setting when removing or inserting the battery. Move the key to the “lock” position to secure battery before operating bike. Riding the bike with the key in the “open” position risks allowing the battery to slide out and damage the battery when dropped (Refer to page 12 or 16).Always remove battery from bike when transporting on a bike rack.

APPEARANCE CARE

Periodically clean your Pedego electric bike with a damp cloth. Avoid spraying the Pedego with a water hose to avoid electrical issues. Store your Pedego in a dry shelter area away from direct sunlight and wet or damp environment. It is also recommended to apply chain lube (such as Tri-Flow or ProLink) to the drivetrain of your Pedego when you clean it or wipe it down to keep it in good running condition.

TROUBLESHOOTING

If your Pedego is not working, check the Quick Disconnect fittings to make sure they did not come loose or unplugged.



Quick Disconnects

Motor Disconnect

There are 5 total colored Quick Disconnect fittings to check:

1. Throttle - Black (Boomerang & Comfort Cruiser) or Yellow (Boomerang Plus, City Commuter, Interceptor, Stretch, & Trail Tracker)
2. Left Brake Lever - Red
3. Right Brake Lever - Red
4. Motor
5. LCD Meter - Green (If Applicable)

Simply unwrap the black spiral wire covering until the Quick Disconnect fitting is exposed. If necessary, unplug and re-plug the Quick Disconnect fitting(s).

Make sure that the battery is inserted fully into the bicycle. If it is not, the bicycle will receive no power causing all of the electronics to not turn on.


BAD


GOOD

For any additional troubleshooting help, refer to the Customer Help page at www.pedegoelectricbikes.com/faqs/customerhelp/ or contact your local Pedego dealer.

ELECTRIC BIKES FAQS

Q. How long does it take to fully charge the battery?
A. Depends on the state of discharge but around 5-6 hours if completely discharged.

Q. What are the running costs for a Pedego electric bike?
A. You will have no worries about rising fuel prices at the pumps. All our electrically powered vehicles use household electricity. The average cost per full charge is about 10 cents per charge. If you charge the battery every single day for a year, it would cost you about $35 per year.

Q. Can I ride up hills and against strong headwinds on my Pedego electric bike?
A. Yes. One of the main advantages of cycling on a Pedego electric bicycle is that it literally flattens hills and increases your average speed when tackling inclines and headwinds. If you provide a reasonable amount of effort, you should be able to tackle anything from a 1 in 10 (10%) gradient up to a 1 in 7 (14%) gradient. You will be amazed at the relative ease that your new Pedego electric bike can tackle some of the most arduous journeys.

Q. Do I need a driver's license, insurance or registration?
A. No, you don't. According to Federal law, electric bikes that are under 750 watts are classified as bicycles. For all intensive purposes, it's simply a bicycle that requires very little pedaling to travel 20 MPH (32 Km/H), saving you time and hassle. The law does require the use of helmet and riders to be at least 16 years old. Check your local state laws for requirements.

Q. Do I need to pedal an electric bike?
A. No, but it helps to prolong battery life. The motor on our bikes is both throttle and pedal assist controlled, allowing you to decide how much power you desire. Have you ever tried to cycle when speeding downhill on your normal bicycle? It's just like that. The motor is propelling you faster than you're cycling so there is pretty much no resistance, it's merely a formality!

Q. What happens when I use the brakes under powered assistance?
A. All our bikes are equipped with brake levers that have a built-in safety switch that automatically cuts off the motor power under normal braking conditions. This not only ensures a safe un-powered stopping feature, but also protects the motor under braking conditions so that it isn't working against the brakes.

Q. How far will a Pedego take me?
A. This all depends on a few factors. Cycling with pedal assist along a straight road under normal conditions, the standard battery should last about 15-30 miles (24 - 48 kilometers). Cycling up steep hills will obviously take more energy out of the battery and factors such as road surface, wind resistance, weight of the rider and tire pressure will affect your range. Longer range battery is also available.

Q. What happens if I get a flat tire?
A. The tires on our bikes are the same as conventional bicycles. Simply replace the tube with a tube of the right size and inflate it. No special tires or parts will be needed.

Q. How do I know when the battery is low?
A. The bicycles have easily visible indicators located on the meters that show the amount of juice left. If it is getting low and you don't think you will make it to your destination, you can switch off your motor and keep it just for the difficult bits.

Q. Do I have to wait for the battery to empty before I charge it?
A. No. The batteries we use are Lithium-ion batteries which do not suffer from 'memory effect'. This means that there is no need to discharge a battery completely before you recharge it again. You can partially recharge the battery at any time without reducing its voltage or lifespan. We recommend recharging the battery after every use, regardless of how far you rode.

Q. Can I put a child's trailer on a Pedego?
A. Yes, you can certainly add a trailer to your Pedego. We suggest using one that hooks onto the frame rather than the axle.

Q. Can I put a Pedego on a bike rack?
A. Yes, just make sure that the bike rack can hold the weight of a Pedego. We advise taking the battery off to make it easier to lift and to keep the battery safe.

WARRANTY INFORMATION

One Year Limited Warranty Bicycle Components

BPM Inc. ("BPM") warrants that all new BPM Electric Bikes ("Bikes") and components therein are warranted to the original retail purchaser ("Purchaser") against manufacturing defects in materials and/or workmanship for a period of one (1) year from the date of original retail purchase.

Three Year Limited Warranty Battery

BPM ELECTRIC BIKES warrants to the original purchaser that the battery is free of defects in material and workmanship for 36 Months. The defective product will be replaced or repaired if met under certain pre-conditions. The irst 12 months of the warranty is covered free of charge, the remaining 24 months is covered under a pro-rata cost. The warranty period for a battery is calculated from the original battery purchase date. The original receipt of purchase is required to establish proof of purchase and warranty date, and must be provided to Pedego for all warranty claims. Shipping costs are an additional charge.

The original battery sale receipt must be maintained for any further claims. All replacement batteries will be warranted for the balance of the original warranty period.

Replacement will be honored only by BPM ELECTRIC BIKES. You are responsible for paying all of the following costs associated with the replacement: labor for removal or installation; applicable taxes; and any shipping or transportation costs incurred in returning the battery to BMP ELECTRIC BIKES for evaluation.

THIS IS BPM ELECTRIC BIKES'S EXCLUSIVE WARRANTY. NO PARTY IS GRANTED EXPRESS OR IMPLIED AUTHORITY TO CHANGE OR ANNUL THIS WARRANTY IN ANY MANNER. IMPLIED WARRANTIES INCLUDING THAT OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. PEDEGO ELECTRIC BIKES DISCLAIMS ANY LIABILITY FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

If you purchase your battery in a state/province that disallows limitations on implied warranty, or exclusion or limitation of special, incidental or consequential damages, the limitation and exclusions stated above may not apply to you. This warranty gives you speciic legal rights. You may also have other rights which vary from state/province to state/province. This warranty is extended to the only to the original retail purchaser.

LIMITATIONS ON GUARANTEE WARRANTY

THE ABOVE GUARANTEE IS THE ONLY REMEDY PROVIDED BY BPM ELECTRIC BIKES TO ITS RETAIL CUSTOMERS. THIS IS BPM ELECTRIC BIKES'S EXCLUSIVE WARRANTY. NO PARTY HAS EXPRESS OR IMPLIED AUTHORITY TO CHANGE OR ANNUL THIS WARRANTY IN ANY MANNER. IMPLIED WARRANTIES INCLUDING THAT OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. PEDEGO ELECTRIC BIKES DISCLAIMS ANY LIABILITY FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Procedures:

Warranty work must be performed by BPM or an authorized agent of BPM. Proof of purchase must be provided. To qualify for warranty services, a Warranty Product Return Authorization Number ("WPRAN") must be obtained by the original retail purchaser from BPM. The original retail Purchaser must contact a BPM representative to discuss the problem with the Bicycle and to obtain a WPRAN. Upon issuance of a WPRAN, the Bicycle or Bicycle component(s) must be returned to BPM at its designated location for warranty work. The original retail Purchaser is responsible for the return of the Bicycle, undamaged in transit, to BPM for warranty work and for the costs associated with shipping and insuring the Bicycle and component(s) when returning them. If BPM'S authorized qualiied technicians determine a warranty claim is valid and conforms with this warranty, BPM will repair or replace component(s) or replace the entire Bicycle at BPM'S cost, including materials and labor. For valid warranty claims hereunder, BPM will reimburse the original retail Purchaser for shipping and insurance costs incurred as a result of returning the Bicycle to BPM for warranty work at standard ground shipping rates, and BPM will pay for shipping costs to return the Bicycle to the original retail Purchaser.

Terms of Limited Warranty

This warranty becomes effective on the date of original retail purchase. This warranty is not meant to suggest or imply that the Bikes cannot be broken or will last forever. It does mean that the Bicycle is covered subject to the terms of the warranty. This warranty applies only to the original Purchaser of a Bicycle and is not transferable to subsequent owners or any other party. This warranty is void if the Bicycle is subjected to abuse, neglect, improper repair, improper maintenance, alteration, modiication, an accident or other abnormal, excessive, or improper use, at the sole discretion of BPM. During the duration of this warranty, BPM, at their cost, will either repair the Bicycle or Bicycle component(s), or at BPM'S sole discretion, will replace any defective Bicycle or component(s) with the same or equivalent component(s). The foregoing warranties are in lieu of and exclude all other warranties not expressly set forth herein, whether express or implied by operation of law or otherwise, including, but not limited to any warranties of merchantability or itness for a particular purpose. In no event shall BPM be liable for incidental, consequential or punitive damages arising from use or unavailability of the Bicycle or component(s) in any manner, including, without limitation, damages for personal injury, property damage, or economic losses, whether based on contract, warranty, negligence, product liability, or any other theory. BPM'S liability hereunder is expressly limited to the repair or replacement of Bikes or component(s), or at BPM'S sole discretion, to the net amount paid by the original retail purchaser. If the original retail Purchaser elects to repair a defective Bicycle or component(s) himself or use the services of someone other than BPM (or its designee) to repair the Bicycle, or if Purchaser uses a replacement part not authorized by BPM, BPM will not be liable for any damage, failure or loss caused by the use of such unauthorized service or parts. If the Purchaser has a valid warranty claim as set forth in the Procedures and Terms and Conditions (the "PTC"), this limited warranty includes the cost of shipment or transportation of the Bicycle or Bicycle component(s) to or from BPM in accordance with the PTC. If the Purchaser does not have a valid warranty claim as set forth in the PTC, this limited warranty does not include such shipment or transportation costs. Under this Limited Warranty, BPM products purchased in one country or region may not be transferred to another country or region where BPM or its authorized service providers offer warranty service for the same product model number. Warranty terms, service availability, and service response times may vary from country or region to country or region. Warranty service response time is subject to change due to local parts availability. Your BPM authorized service provider can provide you with details. BPM will not alter form, it, or function of this BPM product to make it operate in a country for which it was never intended to function for legal or regulatory reasons. BPM is not responsible for any tariffs or duties that may be incurred in transferring the products. Transfer of the products may be covered by export controls issued by the United States or other governments.

THIS WARRANTY IS VOID IN ITS ENTIRETY WITH ANY MODIFICATION OF THE FRAME, FORK, OR ANY COMPONENTS. THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT OF A DEFECTIVE ITEM AND IS THE SOLE REMEDY OF THE WARRANTY. THIS WARRANTY EXTENDS FROM THE DATE OF PURCHASE, APPLIES ONLY TO THE ORIGINAL OWNER, AND IS NOT TRANSFERABLE.

This warranty does not cover:

- Normal wear and tear
- Damage or failure from abuse, neglect, misuse, or accident
- Improper assembly and/or follow-up maintenance
- Damage from stunt riding, jumping, acrobatics, or similar activities or any activity that is not consistent with the intended use of the bicycle
- Damages resulting from failure to follow Instructions for Use and Warnings as provided in the Owner's Manual for the Bicycle;
- Damages resulting from improper care or use of the battery or charger
- Installation of components, parts, or accessories that are not originally intended for or compatible with the BPM as sold
- Under performance of the battery after being fully charged and discharged more than 500 times

All warranties are void if the Bicycle is used for any purpose other than the reasonable intended use of the Bicycle. Additionally, this warranty does not cover damage associated with commercial use.

Consumer Rights:

This limited warranty gives the consumer specific legal rights. The consumer may also have other legal rights which vary from state to state or province to province. This warranty does not affect the statutory rights of the consumer. Some states and countries do not allow the exclusion or limitation of incidental or consequential damages or warranties, so some of the above limitations or exclusions may not apply to you. If it is determined by a court of competent jurisdiction that a certain provision of this limited warranty does not apply, such determination shall not affect any other provision of this limited warranty and all other provisions shall remain in effect.

BICYCLE SERIAL NUMBER IS ENGRAVED UNDERNEATH THE CRANK OF YOUR PEDEGO

Serial Location

Serial Location

BATTERY SERIAL NUMBER IS ON THE BOTTOM OF THE BATTERY OR NEXT TO THE KEY SLOT BELOW THE BARCODE

Battery Serial Location

Battery Serial Location

RECORDING YOUR PEDEGO INFO

BICYCLE SERIAL NUMBER: _____

BATTERY SERIAL NUMBER: _____

MODEL: _____

COLOR: _____

DATE OF PURCHASE: _____

DEALER'S NAME: _____

DEALER'S PHONE: _____

DEALER'S EMAIL: _____

ELECTRIC BIKES

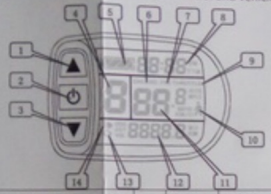
Email:barakasulin@yahoo.com Tel:702-300-6996

KT-LCD5 eBike Display User Manual

V1.0

Dear customer, please read this manual before you use KT-LCD5 instrument. The manual will guide you use the instrument correctly to achieve a variety of vehicle control and vehicle status display.

Functions and Display



1	▲	UP Button	11	Km/H	Riding speed(metric)
2	OK	SW Button		MPH	Riding speed (imperial)
3	▼	DOWN Button		MXS	MAX speed
4	ASSIST	Pas level		AVS	Average speed
5		Battery capacity indicator		Km	Distance(metric)
6	CRUISE	Cruise function		Mil	Distance (imperial)
7	PAS	Power-assisted function	12	DST	Trip distance
8	TM	Single trip time		ODO	Total distance
	TTM	Total trip time		VOL	Battery voltage
9	THROTTLE	Throttle display	13		The brake display
10		6Km/H push power assist	14		Backlight and headlights

Operation

1. ON/OFF

Hold OK button long to turn on the power and hold OK long for a second time to turn off the power. When the motor stops driving and when the e-bike is not used for a consecutive 5 minutes, it will automatically shut down and turn off the motor power supply.

2. Display 1

Hold OK button to start up and enter display 1.

2.1 Turn on backlight and headlights

Hold ▲ long to turn on backlight and headlights (the controller should have headlight drive output function); hold ▲ long again to turn off the backlight and headlights.

2.2 Assist ratio gear (ASSIST) switch

Hold ▲ or ▼ shortly to switch 1-5 file gear. Gear 1 is for the minimum power, gear 5 is for the highest power. Each startup will automatically restore the gear shutdown last time(the user can set randomly). Gear 0 is without booster function.

2.3 6Km/H assist promotion function

Hold ▼ and 🚶 flashes, the vehicle drives at the speed not more than 6Km /h. Release ▼ button, the function is invalid.

2.4 THROTTLE display

Turn on throttle, THROTTLE display.

2.5 PAS display

When Power-assisted riding, PAS display.

2.6 Cruise function

After the cruise function is turned on, the trip riding speed is greater than 7 km/ h, hold ▼ long and enter cruise, the CRUISE lit. Brake or hold any button to cancel.

2.7 Display and delete of single Data

After power on for 5 seconds, hold ▲ and ▼ at the same time, single trip riding time (TM) and single trip distance (DST) flash, hold ⏻ button shortly, the content of both is cleared. If failed holding the button within 5 seconds, it will automatically return the display interface after 5 seconds, original content is preserved.

3. Display 2

Hold ⏻ button shortly in display 1 to enter display 2. In the riding mode after 5 seconds, display 2 automatically returns to display 1.

4. Display 3

Hold ⏻ button shortly in display 2 to enter display 3. In the riding condition, five seconds later, a single maximum speed (MXS) display automatically returns to the real riding speed (Km/H).

5. In display 3, hold ⏻ button shortly (SW) and the display will re-enter display 1.
6. Hold ⏻ button to turn off the display and the power supply of controller.
7. Automatically prompt interface

7.1 Error Code Display

Error Code	Definition
01__info	Throttle Abnormality
03__info	Motor hall signal Abnormality
04__info	Torque sensor signal Abnormality
05__info	Axis speed sensor Abnormality(only applied to torque sensor)
06__info	Motor or controller has short circuit Abnormality

Electronic control system failure will display (flashing) fault code. Once the fault was removed, it automatically exits from the fault code display interface.

General Project Setting

1. Set maximum riding speed

After power on for 5 seconds, hold ▲ and ▼ at the same time, maximum riding speed Km/H and MXS flash, hold ▲ or ▼ shortly to set the maximum riding speed (default 25Km/H). Hold ⏻ button shortly and go to the next parameter settings.

2. Wheel diameter setting

The wheel diameter will be set after finishing setting the maximum riding speed, wheel diameter specifications flashes. Hold ▲ or ▼ shortly to set the specifications of wheel diameter. Select the range 6,8,10,12,14,16,18,20,22, 24,26,700c and 28 inches. Hold ⏻ button shortly and go to the next parameter settings.

3. Set the metric units

The metric units will be set after finishing setting wheel diameter, Km/H and Km flash. Hold ▲ or ▼ shortly and select the three metric units of speed, mileage, and ambient temperature in synchronization.

Display	Metric	Imperial
Riding speed	Km/H	MPH
Total distance	Km	Mil

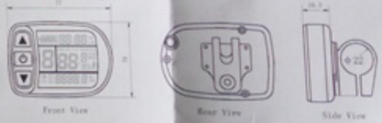
4. Km/H and Km stop flash after metric unit setting is completed. Hold ⏻ button shortly again to re-enter the maximum riding speed setting interface; or hold ⏻ button long to exit from setting environment of routine projects and save the setting values, returning to display 1.
5. Exit from routine project setting

All three routine project settings can exit from the setting environment and return to the display if hold ⏻ button long after each setting is completed, meanwhile the setting values are saved.

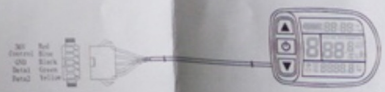
Under each setting interface, if the button failed holding for more than 1 minute, it will automatically return to display 1, and the setting value is invalid.

Outline Drawings and Dimensions

1. Dimensions of main instrument body



2. Wiring diagram



F15 ASSEMBLY

1) Open box layout all the pieces also small box

2) Remove battery by pushing ignition key in and turning left. Notice pin now clears hole in battery track near top.
Gently pull battery up by handle and prepare to charge.

3) Charge battery with charger.
a) plug in microphone style connector (XLR) into battery first,then AC house current plug into house outlet.

4) Remove protective bubble wrap from bike.
a) Display meter on handle bars should be on the left side when you are sitting on the bike.
b) make sure cables are straight and not twisted by turning handle bars if necessary .
c) Insert shaft from handle bars by opening folding mechanism with lever.
d) Slide in shaft and lock in lever.

5) Flip bike so its resting upside down.
a) Begin assembling front fender (short end will be facing forward)
b) Remove bolt at upper fork area. Bend slotted metal at fender so it goes to outer side of fork.
c) Insert bolt all the way thru and add head-light facing forward at the end of bolt.
d) Tighten bolt but not too tight so you can adjust fender later from rubbing against the tire.

6) Place front wheel onto front fork gently so disc also goes into front caliper. Wiggle loose brake caliper so it better aligns with disc. Carefully tighten brake caliper bolts while squeezing the front brake lever at the
same time. DO NOT OVER TIGHTEN CALIPER BOLTS !!!! If you do threads can easily strip

7) QUICK RELEASE SHAFT : Remove one spring and plastic nut Slide in thin quick release rod thru the middle of the front axle . Lever should be on opposite side of disc.

a) now add the other spring (biggest part of spring nearest plastic nut. and hand tighten

8) Add seat and rear reflector to seat post.

9) PEDALS: Look for markings "L" and "R" at threaded end. L is for left side as if you are sitting on the bike.

a) Left pedal is reverse thread. TIGHTEN BY FIRST TURNING LEFT BY HAND CAREFULLY AND FINALLY WITH WRENCH.

b) Right pedal tightens by turning right. start threading pedal by hand. If it does not turn easily by hand its not threaded properly. You don't want to strip the threads so dont force it.

10) WHEN BATTERY IS FULLY CHARGED:

a) Carefully slide onto track. Make sure pin is flush by pushing in key at the ignition and turning key left.

b) Battery should slide in all the way down and battery pin near the top of battery can slide into the track

hole by turning key ignition to the right.

KING-METER

USER GUIDE

SW-LCD

Contents

1、Preface

Dear users,

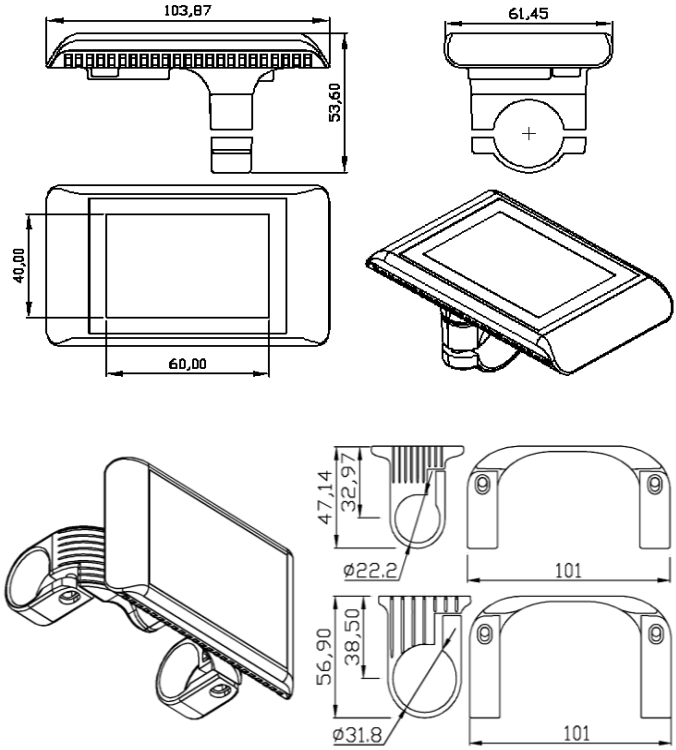
To ensure better performance of your e-bike, please read through the SW-LCD product introduction carefully before using it. We will use the brief words to inform you of all the details （including hardware installation, setting and normal use of the display）when using our display. Meanwhile, the introduction will also help you solve possible confusion and barriers.

2、Appearance and Size

2.1 Material and Color

SW-LCD housing material: PC. And the color of housing is white or black. Working temperature scope: -20℃—+60℃, the shell material can ensure normal use and good mechanical performance of the products.

2.2 Display Size and Installation Size（Unit：mm）



3、Function Summary and Button Definition

3.1 Preset and Default Items

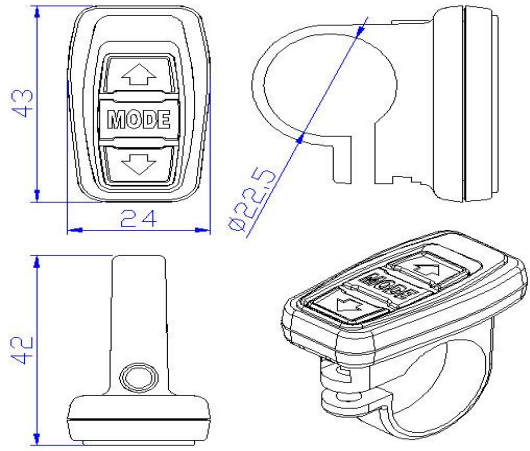
SW-LCD user settings include: wheel diameter （18-28inch）; max speed; LCD backlight contrast; choice of display unit.

3.2 Display Figures:

Display content: battery capacity, motor power ratio, riding speed, riding distance, power, PUSH cruise control, and error code display of the electronic control system.

3.3 Button Definition

SW-LCD is equipped with special 30-button unit. This operating button is suit for both L/R hand, button instruction figures as follows:



30-button unit is connected to the bottom of the SW-LCD display via lead cable.

In the following introduction,  is named as "**MODE**".  is named as "**UP**" and  is named as "**DOWN**".

4、Installation Instruction

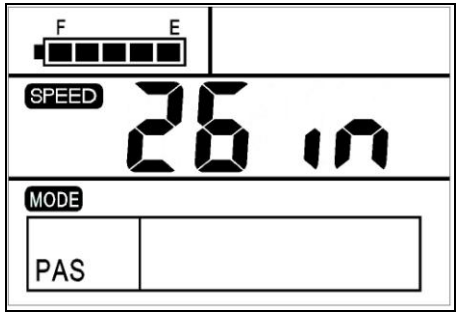
Fix the display and 30-button unit on the handlebar and adjust to an appropriate visual angle. Match display connector with controller connector.

5、Set up

5.1 Preparation for Starting the Display
Make sure connector linked properly to the motor controller on the bike.

5.2 Start and Entry Setting State
Press the **MODE** button for 1.5 seconds and start the display.
After start-up, please hold both **UP** and **DOWN** for 2.5 seconds at the same time, LCD will enter into the setting state，and the settable parameter will flash. The parameter can be set circularly.

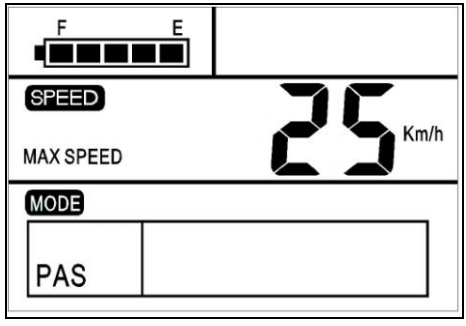
5.3 Wheel Diameter
The first setting parameter is wheel diameter. The interface is as follows:



Press **UP** or **DOWN** to choose a right diameter（18-28inch）for the bike. Default set is 26 inch. After confirmation of wheel size, press **MODE** to reserve it and enter into the max speed set.

5.4 Max Speed

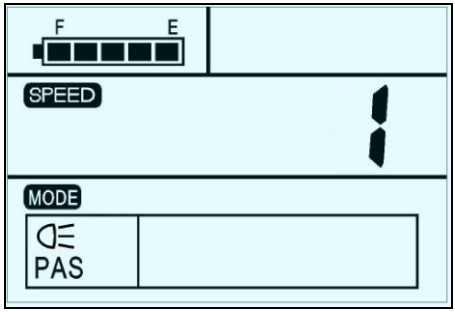
The second setting parameter is Max Speed. The interface is as below:



Re-set speed should be in accordance with the local regulation speed. If exceed your re-set figure, the bike will travel at the max speed of reset. Default max speed in

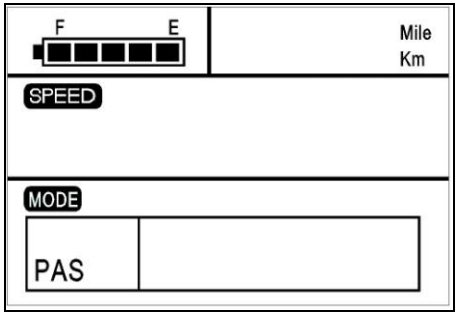
factory is 25 Km/h.
Speed option: 12-40Km/h, use **UP** or **DOWN** then confirm by **MODE**. Then enter into the interface of backlight brightness.

5.5 Backlight Brightness
The third setting parameter is backlight brightness. The interface is as below:



Press **UP** or **DOWN** to modify the backlight brightness. You can choose from level 1 to level 3. Level 1 is the minimum brightness. Level 3 is the maximum brightness. The default value of the backlight brightness is level 1. Press the **MODE** to confirm the backlight brightness, then entry into the interface of Choice of Display Unit.

5.6 Choice of Display Unit (Metric system / British system)
The fourth setting parameter is Choice of Display Unit. The interface is as below:



Press **UP** or **DOWN** to choose a display unit.
The unit could be MPH or Km/H. The range unit will change accordingly with the speed unit.

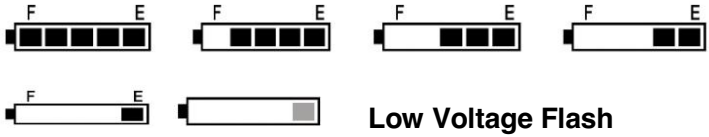
5.7 Quit from set up
In the setting state, press **MODE** for 3 seconds to confirm the input, save current setting and exit.

6、Standard Operation

6.1 ON / OFF
Press **MODE,** then the display starts to work and supply power to controller, long press **MODE** then switch off power. In the status of OFF, display and controller no longer consume battery power.

6.2 Capacity Display
When the battery capacity is high, the five battery segments are all light. When the battery is in low voltage, the last

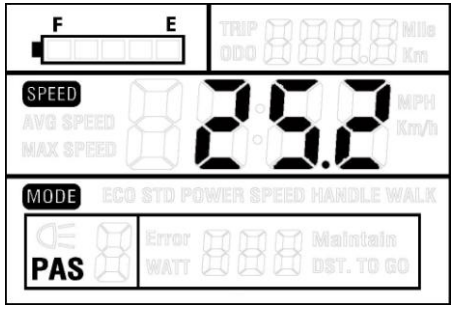
battery segment will flash at 1 Hz. It indicates that the battery is severely low in voltage condition and needs to be recharged immediately.



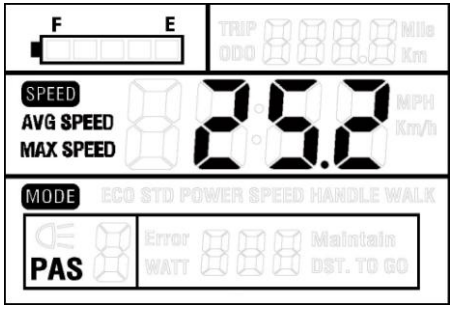
Low Voltage Flash

6.3 Speed Display (Current Speed/Average Speed/Max Speed)

When the e-bike starts, the display will automatically show the current speed.



Hold **UP** and the display will show the MAX speed during this ride. Hold **UP** again and the display will show the AVG speed during this ride. Hold **UP** again and the display will turn to the current speed display.

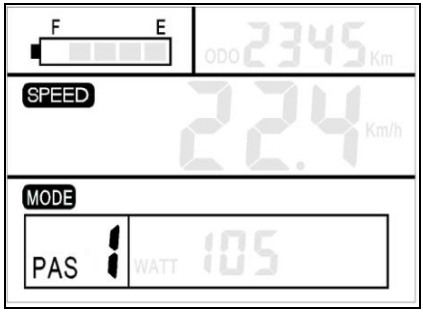


The interface of switching speeds

6.4 Assisted Power Select or Throttle Level Select

Press **UP** or **DOWN** to change the output power of the motor. The power ranges from Level 1 to Level 5. Level 1 is the minimum power. Level 5 is the maximum power.

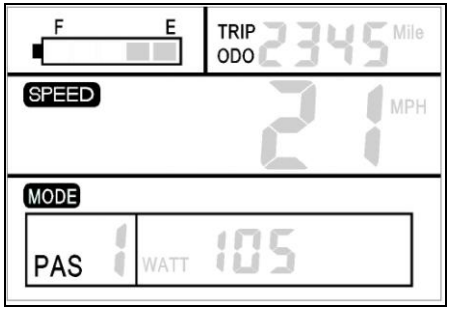
The default level is Level 1.



The choice of motor power rate

6.5 Distance Display (Riding Distance / Total Distance)

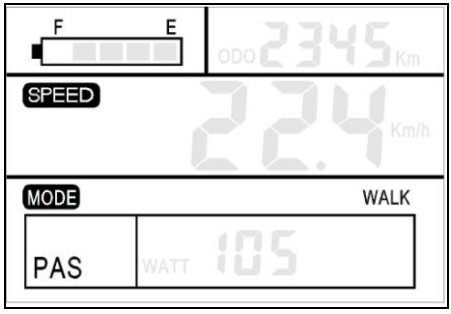
Press **MODE** to switch between riding distance and total distance. This function is convenient for users to check the riding distance (TRIP) and the total distance (ODO).



Range Interface

6.6 Push Cruise Control

Press **DOWN** for a while to get into power assist mode, and the bike will travel at fixed speed 6Km/h.



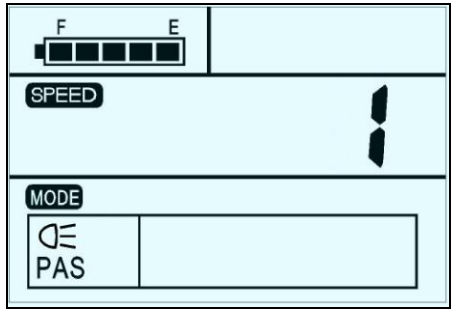
Interface of power assist walk

Warning：Push cruise control mode is recommended under push state, not for riding mode.

6.7 Turn On and Turn Off the Backlight

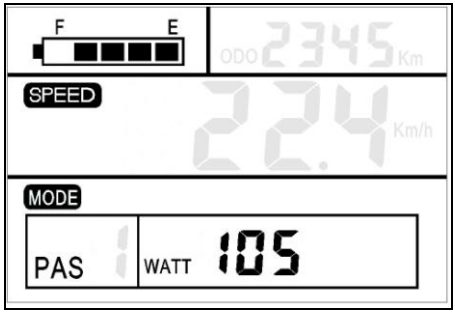
Hold both **UP** and **MODE** for 3 seconds and turn on the SW-LCD backlight, when the surrounding light is not enough or it is in the evening. Hold both **UP** and **MODE** for 3 seconds again and you can turn off the SW-LCD backlight.

When the backlight power ON, the headlight also power on (if the bike assembles with a headlight). And the function could be customized.



6.8 Power of the Display

Display the real time power consumption of the riding for electric bike. The interface below:

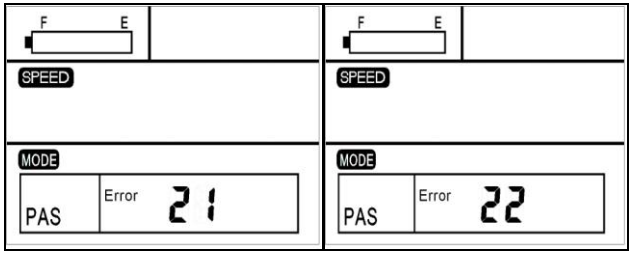


6.9 Error Code Display

If there is something wrong with the electronic control system, the display will show the error code automatically. The following is the definition of the error code.

Code number	Definition
21	Abnormal current
22	Throttle fault
23	Motor phase problem
24	Motor Hall defect
25	Brake Failed
30	Abnormal Communication

Definition Diagram of Error Codes



Error Code Display

Display return to normal only after problem being fixed and bike will not run before fixing the problem.

7、Attention for Using

Ride your bike in a safe way. Don't hit or knock the display.
Keep away from the bad environments when use, such as downpour, large snowflakes and solarization.
Try not to use in under-voltage condition. The screen will get dark along with the temperature reduction when temperature below -10℃. The screen will return to normal when the temperature rises again.

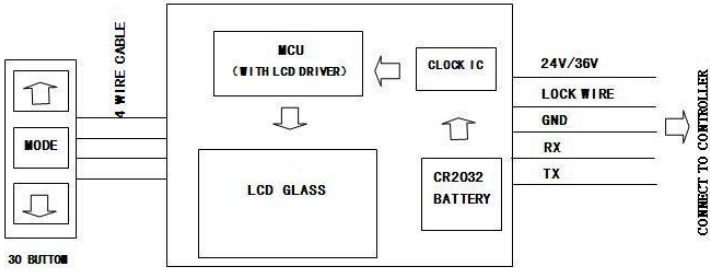
8、 FAQ Answers

Q：Why can't turn on the display?
A：Please check if the cable is well connected with the controller.
Q：How to deal with the error code display?
A：Contact the e-bike maintenance station in time.

9、 Quality Warranty and Coverage

We are not responsible for the scratched or broken shell after the products are delivered out of the factory.
We don't repair scratched or broken lead wires.
The LCD display function warranty: 24 months from the delivery time of the display out of the factory.

10、Circuit Block Diagram



Red: 24V/36V; Blue: lock wire; Black: GND; Green/ Yellow: RX / TX wire.
Due to the use of the waterproof connector of part products, users cannot see the leads color of the internal wiring.

11、Software Version

This operating instruction is a general-purpose software (version V2.0). Some of the version of the e-bike LCD may have slightly difference, all with actual use version.