

# kkbike

## K26S Electric Bike User Manual

Please read the user manual carefully before using the product.



## Congratulations!

We would like to congratulate you on your decision to purchase a KKBIKE product--K26S. We are confident that your new bike will more than meet your expectations regarding function, design, and quality—now and in the future. K26S are manufactured using more modern production techniques and higher quality material. They are equipped with the best components. More information is on page 10.

## Assembly Tutorial Video

Please make sure your K26S bike is fully assembled and adjusted before riding.



Assemble your bike:  
Scan the QR Code or go to [kkbikes.com](http://kkbikes.com)  
to view the Assembly Video.

## Contact Us for Help

If you have any questions, please feel free to contact us here:

- Email us: [kkbike@outlook.com](mailto:kkbike@outlook.com)
- Visit our KKBIKE Support Center: [www.kkbikes.com/pages/contact](http://www.kkbikes.com/pages/contact)





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## 1. Read This Before Your First Ride

- Even if you are an experienced bike rider, all riders should read and understand this manual before using an electric bike. For your safety and to avoid serious injury or death, please closely review the following safety tips for safe operation of your K26S Electric Bike.
- Always wear an approved helmet whenever riding this product. Failure to wear a helmet when riding may result in serious injury or death.
- Inspect the bike before each use, making sure the correct setup and tightening is done on your bike before using it for the first time. Check the brake function, handlebar grips, tightening and lubricating components regularly.
- Check the operation of the brake motor cut off before each ride. The brake system, when properly functioning cuts off power to the motor whenever the brakes are squeezed.
- The pedal assistance and throttle function on electric bikes can be unfamiliar for first time riders. Ensure you understand and are prepared for the assistance sensor to engage the motor once pedaling begins. A pedal assist sensor (PAS) signals the controller to run the motor provides a boost to your pedaling depending on the level of assistance you select while riding.
- Always use the lowest pedal assist level, or lightest throttle, until you are comfortable with the bike and feel confident with the equipment.
- Users must travel at speeds appropriate for the usage area, riding conditions, and experience level.
- Off-road biking presents varied terrain that requires attention and skill. Wear safety gear and do not ride alone on isolated trails. Check local rules and regulations to see if off-road riding of the electric bike is allowed.

# General Information

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- Only transport bikes with hitch racks, trunk racks, roof racks and rails rated for the size and weight of your bike.
- Because electric bikes are significantly heavier than regular bikes, they are not intended for large jumps or stunts of any kind. Bike frames and parts have limitations, and extreme riding should not be performed. K26S assumes no liability for any accident, injuries, or property damage incurred as a result of rider's use or misuse of K26S bicycles, including any damages resulting from or arising out of off-road usage.
- In the event of a collision or presumed damage, you must consider your bike unsafe to ride until a comprehensive inspection of all components, functions, and operations of the bike can be made by a certified, reputable bike mechanic.
- Do not operate the bike without the battery installed.
- Proper installation, compatibility, operation, and maintenance must be performed on all components. Failure to comply could result in serious injury or death.
- Any aftermarket changes or modifications to your bike could void the warranty and create an unsafe riding experience.
- Ride at night only if necessary. Wear reflective clothing; if possible, only bike down roads with ample street lighting. Ensure you have reflectors and lights as required by your regional vehicle laws.
- Take extra precautions when riding in wet conditions. Decrease speeds and prepare for increased braking distance. Pedals and grips will be slippery in wet conditions.
- It is your responsibility to understand the local regulations for operating this product in the area(s) where you ride.

# General Information

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- NEVER operate your bike when you are under the influence of alcohol or drugs, including prescribed or over the counter medications.
- Failure to properly charge, store, or use your battery will void the warranty and may cause a hazardous situation.
- Failure to perform and confirm proper installation, compatibility, proper operation, or maintenance of any component or accessory can result in serious injury or death.
- Extreme care should be taken when using the pedal assistance sensor and throttle on this product. Ensure you understand and are prepared for the power assistance to engage as soon as pedaling is underway.
- If you have an impairment or disability such as visual impairment, hearing impairment, physical impairment, cognitive/language impairment, and/or a seizure disorder, consult your physician before riding our bikes .
- Be careful to keep your body parts and other objects away from the sharp teeth of chain rings, moving chain, turning pedals and crank, and the spinning wheels of your bicycle.



## 2. About the KKBIKE Electric Bike

Guide Your Ride! Bright Your Life! Whether you're commuting, exploring new trails, tooling around town, or all of the above, KKBIKE e-bike can handle it all. Our bike is solid, reliable and stylish commuter which allows you to embrace the freedom around the city and relax in the country. We are looking forward to bring the charm and convenience of E-bike to more and more people. Have a try! Won't be regret!

## 3. What's In the Box (Parts List)

Description	Quantity
KKBIKE Electric Bike	1
User Manual	1
Key	2
Charging Adapter	1
Battery	1
Pedal	2
Fender	2
Bell	1
Rear Taillight	1
Tool Bag	1



## 4. Bike Components





## 5. Bike Size



- A:76.8 in
- B:44.5 in
- C:35.4-42.9 in
- D:17.9 in
- E:4.5 in
- F:27.2 in



### Notes:

When adjusting the height of the cushion, the seat tube should not exceed the recommended height value.

# Turn On/Off The Bike




Step 1: Press down the power button (blue light on) to turn on the bike; Press the power button again to turn off the bike.



**Tips: The blue light will be off within a minute.**



Step 2: Long press the  button to turn on/off the LCD display.

# Two Methods To Charge The Battery

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## Method 1:

1. Turn off the Power.
2. Plug the charger into the charging port on the frame.



## Method 2:

1. Turn off the Power.
2. Uses a key to release the battery lock.
3. Twist the knob to remove the battery.
4. Plug the charger into the charging port on the battery.

## Notes:

The RED light indicates it is in charging and GREEN light indicates the battery is fully charged.

Usually the charging time is 5-6 hours depends on the battery capacity remain.

# Lock The Battery



Step 1: Once the contacts are properly matched into the cradle, tilt the battery into the upper holder.



Step 2: Press hard in the direction of the frame, until you hear a click.

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# Display Specification



## 1. Product Name and Model Number

Smart LCD display for electric bicycle; Model: YL91F-V

## 2. Specification

- 36V/48V/52V power supply
- Display rated current 15mA
- Display maximum current 30mA
- Shutdown leakage current <1uA
- Supplied current to the controller 50mA
- Operating temperature -20~60°C
- Storage temperature -30 to 70°C

## 3. Appearance and Size



Figure 3-1 Physical picture of the 91F display



K5



K6

Figure 3-2 Physical picture of the 91F control

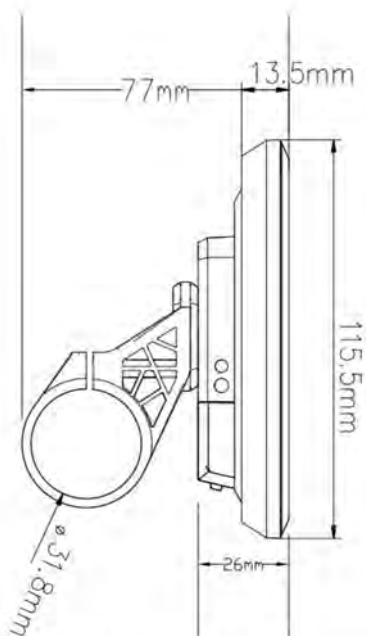
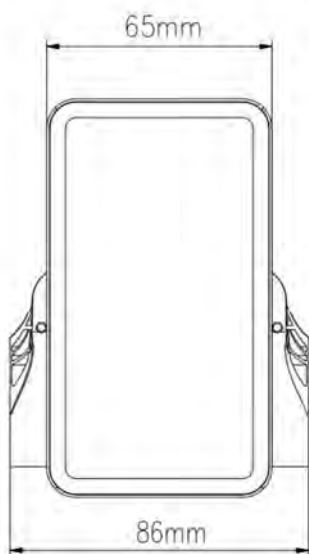


Figure 3-3 91F Front View Dimension

Figure 3-4 91F Side View Dimension



## 4. Function overview and Functional areas

### 4.1 Functional overview

The YL91F display offers a variety of features to suit your riding needs, including:

- Battery level indicator
- Pedal assist (PAS) level indicator
- Speed (current speed, maximum speed, average speed)
- Mileage display (single and total mileage)
- Walk boost mode
- Light ON/OFF
- Error code indicator
- Motor power indicator (customizable)
- USB connection indicator (customizable)
- Cruise control indicator (customizable)
- Bluetooth connection indicator (customizable)
- Personalized parameter settings (e.g. wheel diameter, speed limit, battery power setting and PAS parameter setting, password setting, controller current limit setting, etc.).
- Factory default parameter recovery function

## 4.2 Functional areas

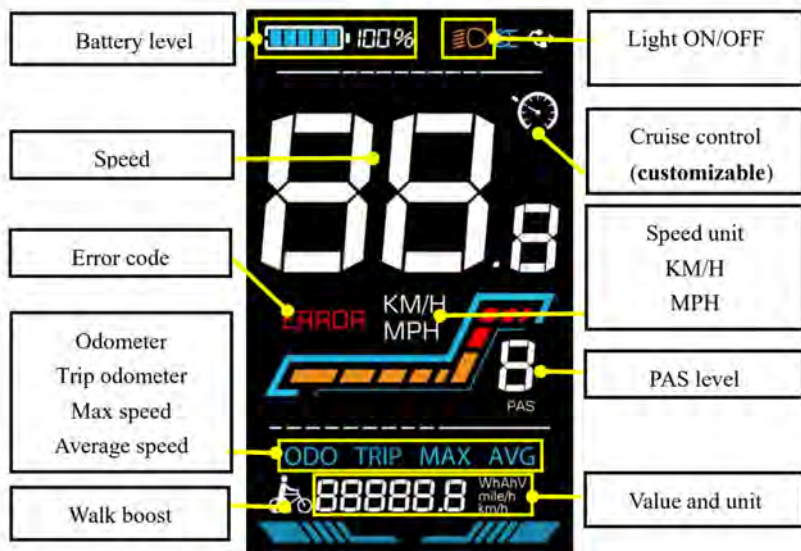








Figure 4-1 YL91F functional area distribution interface


## 4.3 Button definitions

The YL91F display is equipped with five buttons on the corresponding operating unit: power on/off , plus , minus , light  and toggle .

## 5. Routine operation

### 5.1 Power on/off

Long press  to power on/off the display. When the display is off, it will not use the battery power and the leakage current is less than 1uA.

 The display will automatically shut off if it is not used for more than 10 minutes.

## 5.2 Display interface switching

When the display is powered on, it will show the Current Speed (km/h) and Odometer (km) by default. Short press **i** to switch between Odometer (km), Trip Odometer(km), Maximum Speed (km/h), and Average Speed (km/h).

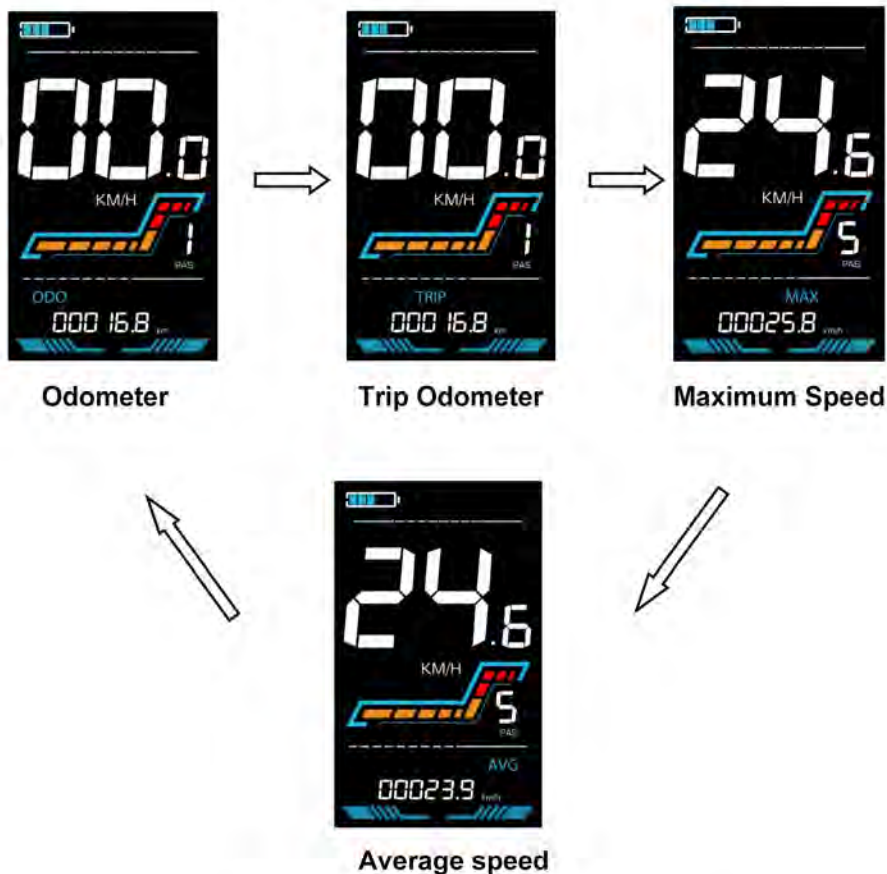


Figure 5-1 Display Interface Switching

## 5.3 Walk boost mode




Long Press and hold , the electric bicycle enters the walk boost mode. The electric bicycle will walk at a fixed speed of 6 km per hour and the display shows . Release the button to stop the power output immediately and restore to the state before walk boost.



Figure 5-2 Helping to implement the display screen

 The walk boost mode can only be used when pushing the electric bicycle, please do not use it while riding.

## 5.4 Turning on/off lights

Press the to make the controller turn on the lights and the display backlight becomes dim. Press again to make the controller turn off the lights and the backlight restore brightness.



Figure 5-3 Backlight display interface

## 5.5 PAS level selection

Press / to switch PAS level of electric bicycle, thus changing the motor output power.



Figure 5-4 PAS level display interface

## 5.6 Battery level display

The Battery level is shown as 5 bars. When the battery is full charged, all of the 5 bars lighten up. When the battery is fully depleted, the bar will begin to flash, warning the user to charge the battery as soon as possible.

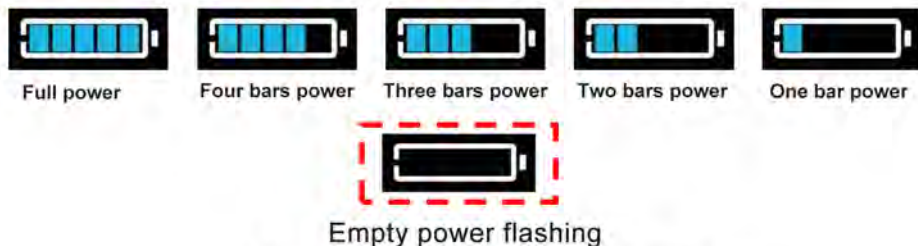


Figure 5-4 PAS level display interface

## 5.7 Error code display

If there is a fault occurs in the electronic system of the electric bicycle, the display will automatically show an error code, see Schedule 1 for a detailed definition of the error code.



Figure 5-6 Error Code Display

When the error code appears on the display, please troubleshoot the problem in time, the electric bicycle will not be able to drive normally after the problem occurs.



## 6. Personalized parameter settings

**⚠** Each setting needs to be done with the bicycle stationary.

The personalized parameter setting procedure is as follows:

When the display is ON and the speed shows 0,

(1) Press and hold **+** **-** simultaneously for more than 2 seconds to enter the personalized parameter setting interface.

(2) Press **+** / **-** to toggle between the personalized parameter setting interface, and press **i** to enter the parameter changing state.

(3) Press **+** / **-** to select the parameter, long press **+** for addition operation, long press **-** for subtraction operation.

(4) Press **i** to save the parameter settings and return to the personalized parameter setting interface.

(5) Long Press **i** to save the parameter settings and exit the personalized parameter setting interface.

### 6.1 Metric and Imperial setting

P1 is the metric and imperial setting, 00 for metric and 01 for imperial.

Press **i** to enter the parameter changing state. Press the **+** / **-** to select the parameter and press **i** to save the parameter setting and return to the personalized parameter setting interface.

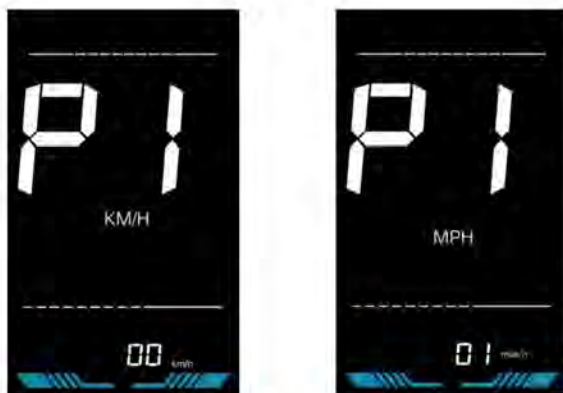


Figure 6-1 Metric and Imperial Units Setting Interface



## 6.2 Rated voltage setting

P2 is the rated voltage setting. The available rated voltage range is: 24V, 36V, 48V, 52V.

Press **i** to enter the parameter changing state. Press the **+** / **-** to select the parameter and press **i** to save the parameter setting and return to the personalized parameter setting interface.



Figure 6-2 Rated voltage setting interface

## 6.3 PAS level setting

P3 is the Pedal assist (PAS) level setting. The available Pedal assist level settings are: 0~3, 1~3, 0~5, 1~5, 1~7, 0~7, 0~9, 1~9.

Press **i** to enter the parameter changing state. Press the **+** / **-** to select the parameter and press **i** to save the parameter setting and return to the personalized parameter setting interface.



Figure 6-3 PAS level setting interface

## 6.3.1 PAS level ratio value setting

To meet different requirements for users, the speed of every level can be adjusted by setting the PAS level ratio value. Please see the details from Schedule 2.

For example, "45-55%" is the ratio range of PAS 1. The default ratio value of PAS 1 is 50% which is adjustable.

Press the **+** / **-** to select the parameter and press **i** to save the parameter and enter into the next level setting. Press **i** again to save the settings and return to the personalized parameter setting interface



Figure 6-4 PAS level ratio value setting interface

## 6.4 Wheel diameter setting

P4 is the wheel diameter setting. The adjustable wheel diameter range is: 8~50inch.

Press **i** to enter the parameter changing state. Press **+** the / **-** to select the parameter and press **i** to save the parameter setting and return to the personalized parameter setting interface.



Figure 6-5 Wheel diameter setting interface

## 6.5 Number of speed sensor magnets setting

P5 is the speed sensor magnet number setting. The adjustable speed sensor magnet number range is: 1 ~ 15 pcs (5Sprotocol) ,1 ~ 63 pcs (KDS protocol)

Press **i** to enter the parameter changing state. Press the **+** / **-** to select the parameter and press **i** to save the parameter setting and return to the personalized parameter setting interface.



Figure 6-6 Number of speed sensor magnets setting interface

## 6.6 Speed Limit Setting

P6 is the speed limit setting. The adjustable speed limit range is: 1~63km/h or 1~41km/h. (The maximum adjustable speed limit varies by different protocols)

Press **i** to enter the parameter changing state. Press the **+** / **-** to select the parameter and press **i** to save the parameter setting and return to the personalized parameter setting interface.



Figure 6-7 Speed limit setting interface

## 6.7 Controller current Limit Setting

P7 is the controller current limit setting. The adjustable range is: 1~31.5A.

Press **i** to enter the parameter changing state. Press the **+** / **-** to select the parameter and press **i** to save the parameter setting and return to the personalized parameter setting interface.



Figure 6-8 Controller current limit setting interface

## 6.8 PAS sensor setting

P8 is the PAS sensor setting.

### 6.8.1 PAS sensor direction setting

run is the PAS sensor direction setting. run-F is front direction and run-b is opposite direction.

Press **i** to enter the parameter changing state. Press the **+** / **-** to select the parameter and press **i** to save the parameter setting and enter into 6.8.2 PAS sensor sensitivity setting interface.



Figure 6-9 PAS sensor direction setting interface

## 6.8.2 PAS sensor sensitivity setting

SCN is the PAS sensor sensitivity setting. The adjustable range is: 2-9. 2 is the highest level sensitivity while 9 is the lowest.

Press the **+** / **-** to select the parameter and press **i** to save the parameter setting and enter into 6.8.3 PAS magnets number setting interface or long press **i** to return to the personalized parameter setting interface.



Figure 6-10 PAS sensor sensitivity setting interface



## 6.8.3 Number of pedal assist sensor magnets setting

PR5 is the pedal assist sensor magnets setting. The adjustable range is: 5-31.

Press the **+** / **-** to select the parameter and press **i** to save the parameter setting and to return to the personalized parameter setting interface.



Figure 6-11 Pedal assist sensor magnets setting

## 6.9 Throttle setting

P9 is the throttle setting.

### 6.9.1 Throttle 6KM/H walk boost setting

HL is the throttle 6KM/H walk boost setting. HL-Y is to enable the walk boost and the speed will maintain at 6KM/H when using throttle. HL-N is to disable the walk boost and it can reach the max speed when using throttle.

Press the **+** / **-** to select the HL-Y and press **i** to save the parameter setting and return to the personalized parameter setting interface.

Press the **+** / **-** to select the HL-N and press **i** to save the parameter setting and enter into 6.9.2 Throttle Level setting interface or long press to return to the personalized parameter setting interface.



Figure 6-12 Throttle 6KM/H walk boost setting

## 6.9.2 Throttle level setting

HF is the throttle Level setting. HF-Y is to enable the throttle level. When using the throttle, the max speed depends on the throttle level. (0~3, 1~3, 0~5, 1~5, 1~7, 0~7, 0~9, 1~9) HF-N is to disable the throttle level. The speed is independent with the throttle level and can reach the rated max speed. P9 is the throttle setting.

Press the **+** / **-** to select the parameter and press **i** to save the parameter setting and to return to the personalized parameter setting interface.

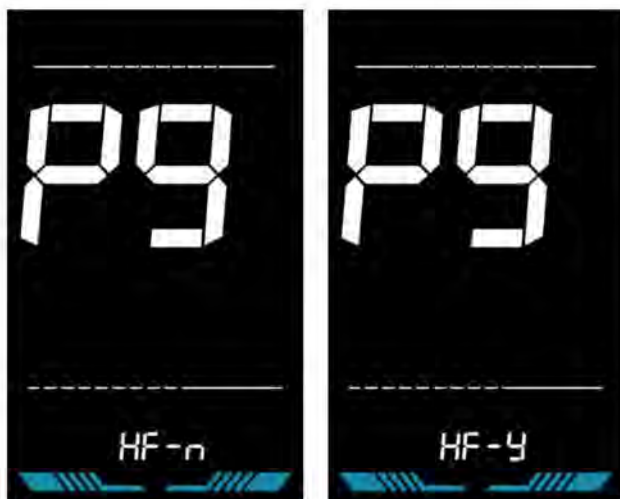


Figure 6-13 Throttle level setting

## 6.10 Power-on password setting

PA is the power-on password setting. The power-on password is not activated by default but users can activate it from setting PSd-y. The factory default password is 1212. Users can set other four-digit password. Please keep the password in mind after changing it, otherwise you will not be able to use the display.

Press **i** to enter the parameter changing state. Press the **+** / **-** to select the parameter. PSd-y means the power-on password is activated while PSd-n is off. Press **i** to confirm the mode and enter the state of setting the four digits power-on password or exit to the personalized parameter setting interface.



Figure 6-14 Power-on Password OFF interface



Figure 6-15 Power-on Password Activated interface

In the password setting mode, the adjustable digit will flash. Press the **+** / **-** to select the parameter and press **i** to save the numbers and go to the next digit setting. Long press **i** to save the parameter setting and return to the personalized parameter setting interface after finish setting the four digits in turn.



Figure 6-16 Power-on password setting interface

## 6.11 Auto Sleep Time Setting

Pb is the auto sleep time setting. To save the battery power and reach higher range, this display will be turned off after it has not been used for a time. The adjustable range is: 1~60min, 00 means no auto shutdown. The factory default setting is +10 minutes.

Press **i** to enter the parameter changing state. Press the **+** / **-** to select the parameter and press **i** to save the parameter setting and return to the personalized parameter setting interface.



Figure 6-17 Auto Power Off Time Setting Interface

## 7. Shortcut operation

### 7.1 Restore factory settings operation

dEF is the restore factory default parameter settings. dEF-Y is to restore the factory default settings, and dEF-N is not to restore.






Enter into the main setting interface and keep the speed at 0, press and hold  and  simultaneously for 2s to enter the restore factory default setting interface. Pressing  /  to toggle to dEF-Y. Then after pressing  to confirm, the display will show dEF-0 for a few seconds and then automatically start to restore the factory default settings. The display will automatically exit to setting interface after the restoration.





Figure 7-1 Restore Factory Default Settings Interface

## 7.2 Trip odometer reset operation

The display can record trip odometer and odometer. Trip odometer is not automatically reset after turning off. The trip odometer needs to be reset manually. The odometer can not be reset.

Enter into the main setting interface and keep the speed at 0, press and hold and simultaneously for 2s to reset the trip odometer. The main interface will flash during the reset process.

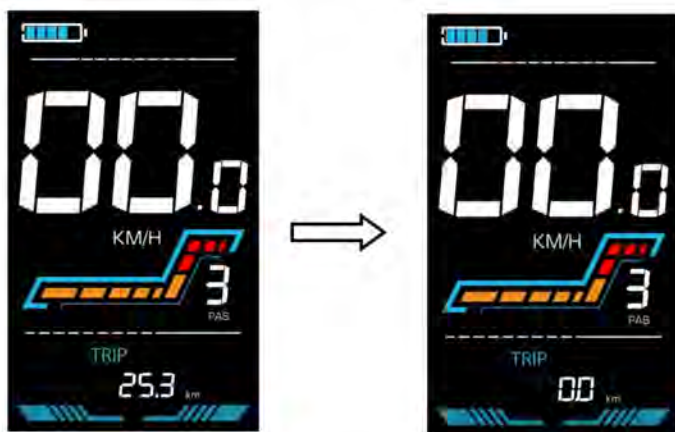


Figure 7-2 Trip Odometer Reset Interface



# Attachment: technical parameters



Performance index	Project	Parameter
Basic Parameters	Vehicle Size	76.8*27.2*44.5in
	Wheel Size	26*4.0 Inches
	Body Material	Aluminium Alloy
	Maximum Load	330 lbs
	Vehicle Weight	73lbs (Battery included)
Main Parameters of the Whole Vehicle	Maximum Speed	32 mph (50km/h)
	Maximum Gradient	30 Degrees
	Derailleur	SHIMANO 8-Speed
	Mileage Range	40-70 miles
Battery Parameters	Rated Voltage	48V
	Battery Capacity	17.5Ah
	Brand	LG
	Charging Time	5-6 Hours
Motor Parameters	Motor Power	750W
	Maximum Output Power	1200W
	Brand	BAFANG
	Motor Type	Brushless Gear Motor
	Maximum Torque	85N.M
Wheel Parameters	Wheel Size	26*4.0 Inches
	Brand	KENDA
	Tyre Pressure	5-30 PSI
Brake Disc Parameters	Brake Type	Hydraulic Disc Brake
	Brake Size	200*2.8mm
Charger Parameters	Input Voltage	100-240V
	Input Current	3.0A
	Output Voltage	54.6V
	Output Current	2.0A

# Quality Assurance



If the product has problems with the following forms during the protection period, we will provide customer service as part of the product quality guarantee.

Accessories	Quality problem	Warranty period	Service content
Motor	Motor will not be able to use	A year	Free delivery of parts
Charger	Failure occurs under normal use	A year	Free delivery of parts
Lithium Battery	Can't charge or discharge under normal	A year	Free delivery of parts
Other Accessories	Natural conditions (such as impact force cannot be used except damage)	90 Days	Free delivery of parts

## Notes:

If the above issues occur during the protection period, please contact us and send us photos or videos of the defective parts. If we confirm that the fault is caused by the quality of the product itself, we will send you the parts that are needed replaced for free.



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***kkbike***