



Bisek Cycle

OWNER'S MANUAL

Read Instructions Before Using Your New E-bike



2015 CITY BIKE WITH 8FUN™ MAX MID TORQUE ENGINE

info@bisek.cn
Bisek Cycle,. Co.

NOTICE!

Before using your new E-bike the first time,
Charge 6hours for Li-ion batteries

Always recharge the battery before the power indicator shows no power.

Failure to follow these instructions voids any warranty, whether stated or implied.

Before operating your E-bike



This product does not conform to Federal Motor Vehicles Standards and
Is not intended for operation on public streets, roads or highways. Serious injury can
result from the unsafe operations of this vehicle.

This product is not designed to be jumped. If jumped, even from the curb,
The E-bike Frame could break causing serious injury or death.
If jumped, the warranty is void.

Do not operate this product in traffic, on wet, frozen, oily or
Unpaved surfaces or under the influence of drugs and/or alcohol.
Avoid uneven surfaces, potholes, surface cracks and obstacles.

It is recommended that the rider wear leather gloves, kneepads
And leather boots. Always wear a DOT approved helmet.

Never carry passengers on your E-bike.

Check your state and local laws governing the use
of motorized vehicles in your area.

Bisek Cycle,. Co. is not responsible for your
Failure to comply with state and local ordinances
Relating to the use of the E-bike.

Failure to follow these operation instructions
can result in serious injury or death.

Congratulations on your new purchase! Our service department is dedicated to your
satisfaction with +86-519-8595-7950.

Quick Start:**1, Charging:**

Before plug in charger, please make sure that the charger's plug can be properly used in your area.

Examine the charger plug-in to make sure it suits your local regulation.

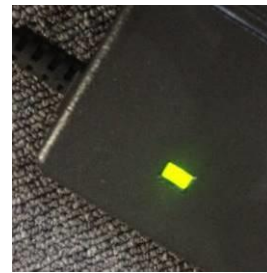
You can charge your battery installed in bike or uninstalled. If you want to uninstall the battery, push the key and twist anticlockwise until hear "Click". Before take out the battery, you may need to take out the seat post firstly, with quick release.

Move the cover on battery.

Charging:



Charging Finished:



Install the battery:

**LCD Display:**

Twist the key clockwise to "ON" position



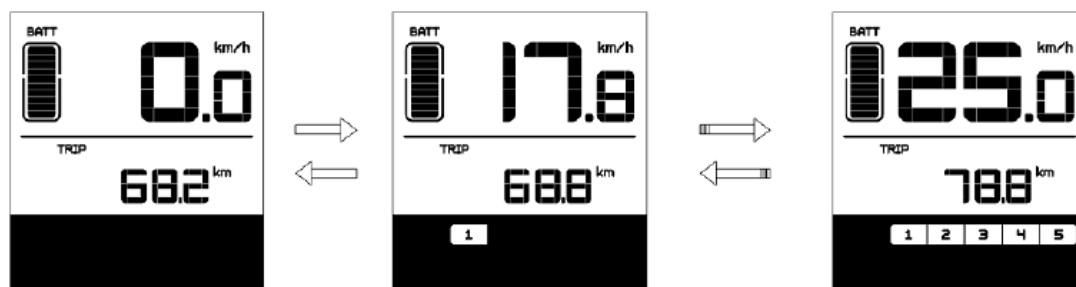


On/off

Turn on the power. Press and hold the “on/off” key for 2 seconds to power on the display; when the display is on, pressing and holding the “on/off” key for 2 seconds will power off the display. If the bike is left unused and the display is left un-operated for 5 minutes (the time can be set by the user), the display will be automatically turned off.

Assist Mode Selection

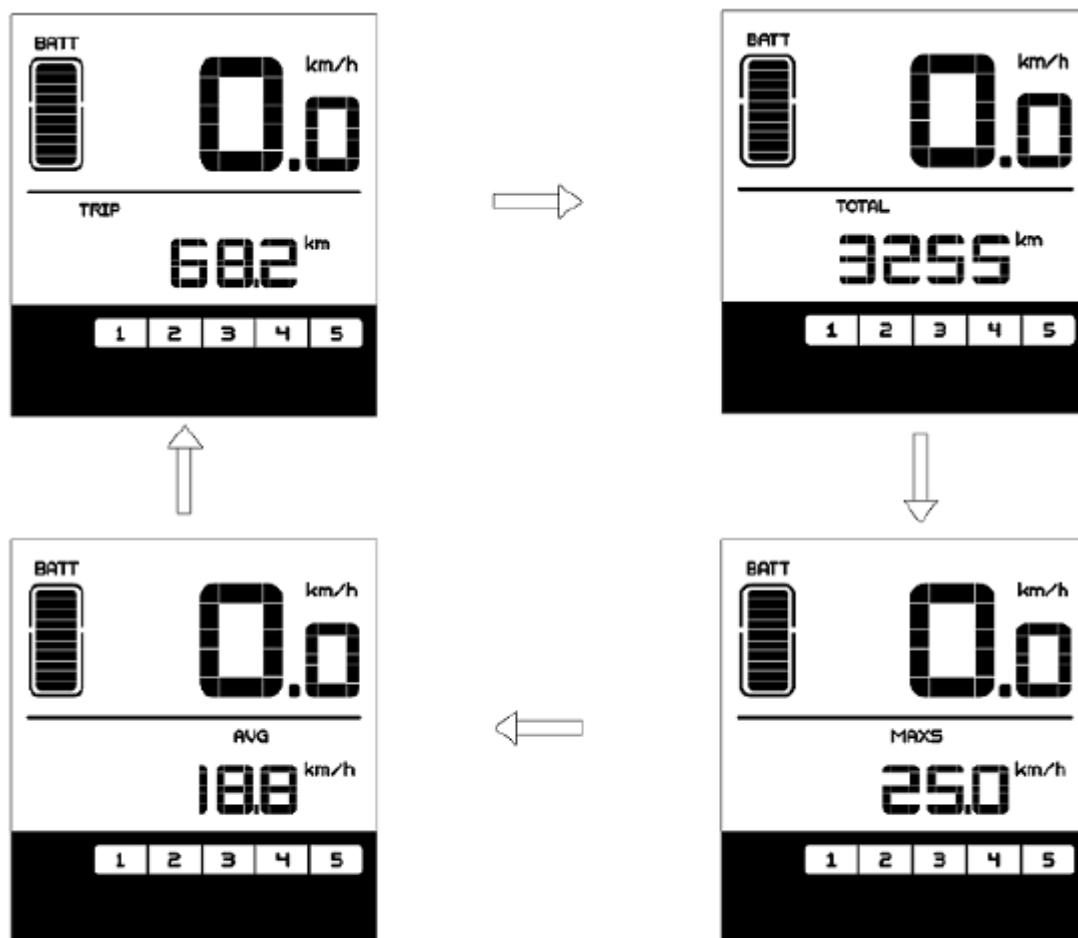
In the manual gearshift mode, press the "up" or "down" key to switch the assist mode to change the motor assist power. The lowest mode is Mode 1 and the highest mode is Mode 5. When the display is on, the default mode is Mode 1. It indicates no power assist when there is no numeric mode display.



Assist Mode Selection Interface

Distance Mode and Speed Mode Switch

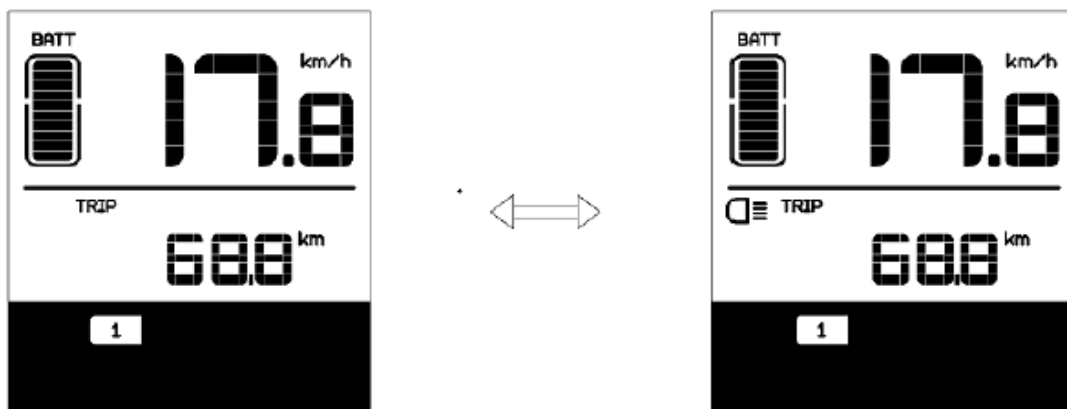
Press the "mode" key to switch distance/speed display information, giving a display of single-trip distance (TRIP km), accumulated distance (TOTAL km), maximum riding speed (MAXS km/h) and average riding speed (AVG km/h) sequentially.



Mode Switch Interface

Headlight/ Backlight Switch

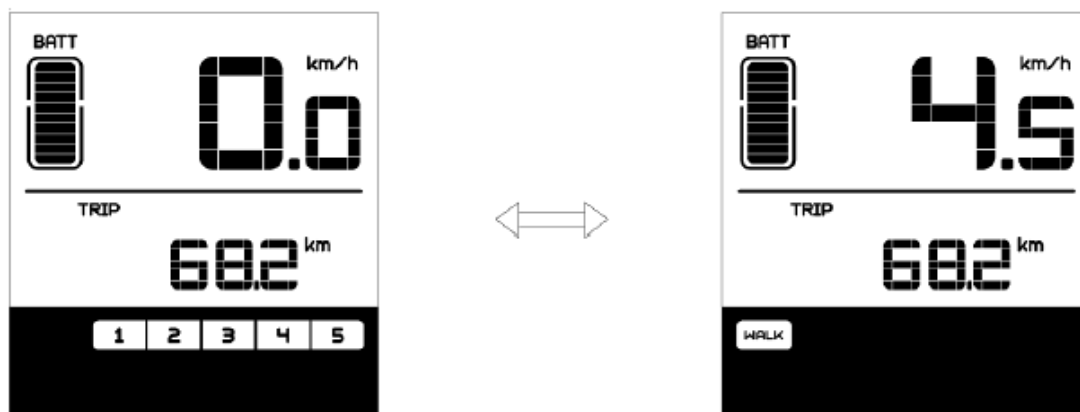
After pressing and holding the "headlight" key for 2 seconds, both the backlight of the display, and the headlight (needing the support of the controller) will be turned on. Hold and press the headlight again for 2 seconds to power off the headlight and the display backlight (If the display is turned on in a dark environment, the backlight/ headlight will be automatically turned on. But if the backlight/ headlight is then manually turned off, they have to be manually turned on afterwards).



Headlight/Backlight On/off Interface

Walk Assistance Mode

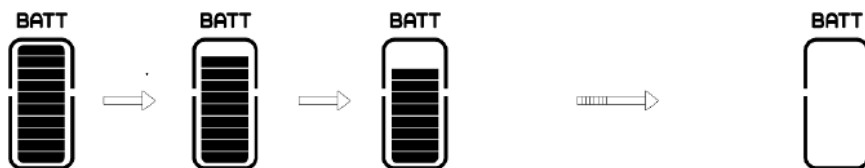
After pressing and holding the “down” key for 2 seconds, the electric bicycle enters the state of walk assistance, and the symbol **WALK** is displayed in the field of assistance mode. Once the “down” key is released, the electric bicycle will exit the mode of walk assistance.



Walk Assistance Mode Switch Interface

Battery Level Indication

When the battery voltage is normal, the battery is indicated by a certain number of segments with the border lighted according to the actual quantity of electricity. If the battery is under-voltage, all of the 10 segments will black out with the border blinking, indicating that the battery needs to be charged immediately.



Battery Level Indication

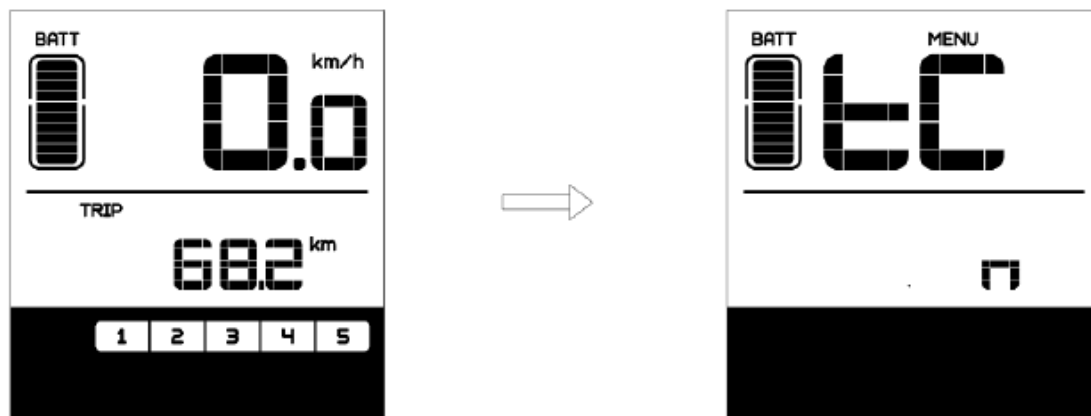
Table for Battery Level Check:

Number of Segments	Electric Quantity in Percentage	Number of Segments	Electric Quantity in Percentage	Number of Segments	Electric Quantity in Percentage
10	$\geq 90\%$	6	$50\% \leq C < 60\%$	2	$15\% \leq C < 25\%$
9	$80\% \leq C < 90\%$	5	$45\% \leq C < 50\%$	1	$5\% \leq C < 15\%$
8	$70\% \leq C < 80\%$	4	$35\% \leq C < 45\%$	border blinking	$C < 5\%$
7	$60\% \leq C < 70\%$	3	$25\% \leq C < 35\%$		

Parameter Setting

Setting Preparation

When the display is active, pressing the "mode" key two times (the interval between the two pressing actions should be shorter than 0.3 seconds), the system will enter the MENU parameter setting state, in which the display parameters can be set. Press the "mode" key two times (the interval between the two pressing actions should be shorter than 0.3 seconds) once again to exit the parameter setting state.



In the parameter setting state, when the parameter to be set begins to flash, press the "up" or "down" key to adjust the parameter value. Press the "mode" key to switch among the to-be-set parameters. Press the "mode" key two times (the interval between the two pressing actions should be shorter than 0.3 seconds) to exit the parameter setting state.

*** In the parameter setting state, if no operation is performed to the display for 10 seconds, the display will return to the normal riding state.**

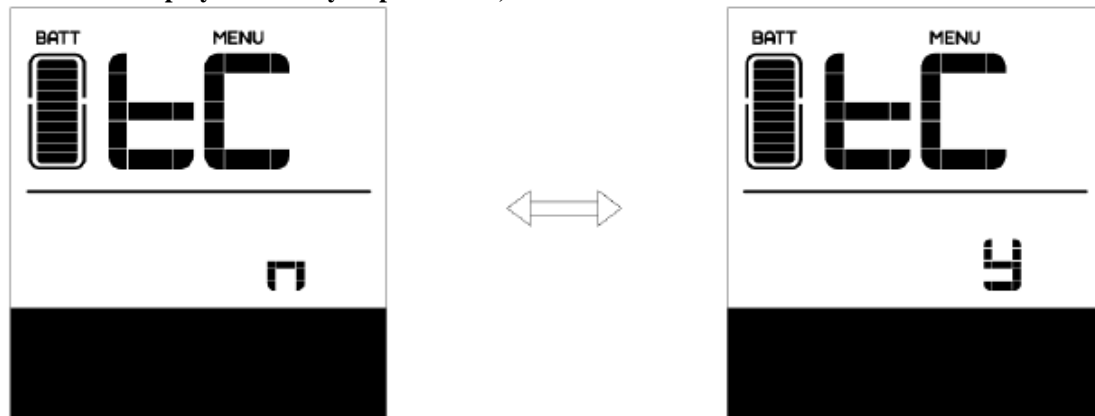
Data Reset:

After pressing the "mode" key 2 times (the interval between the two pressing actions should be shorter than 0.3 seconds), the display enters the MENU state. In this state, the speed field displays tC and then also displays y after pressing the "up" key. At this moment, the temporary data, including maximum speed (MAXS), average speed (AVG) and single-trip

distance (TRIP) can be cleared. After this setting, press the "mode" key for shorter than 0.3 seconds to enter the km/mile setting interface.

If the user has never made any reset operation, the single trip distance and the accumulated riding time will be automatically cleared when the accumulated riding time exceeds 99 hours and 59 minutes.

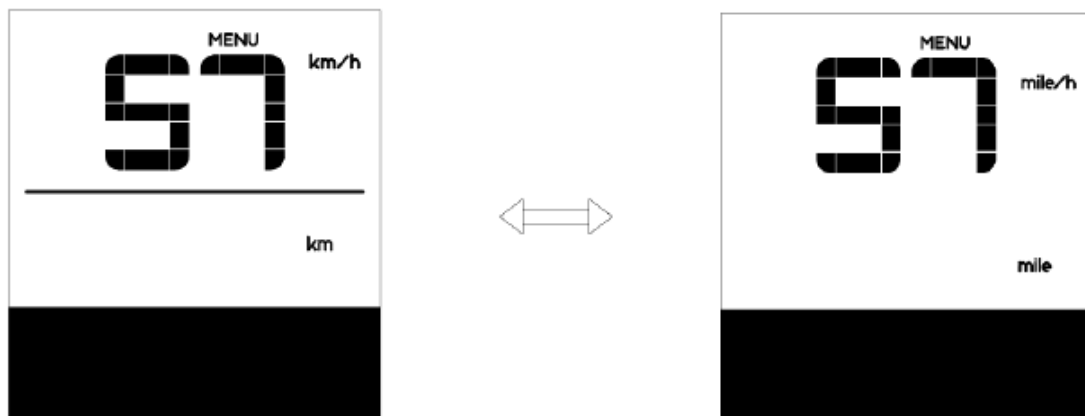
***When the display or the bicycle powers off, the above-mentioned data won't be cleared!**



Km/ mile:

When the speed field displays S7, press the “up” or “down” key to switch between km/h and mile/h or km and mile.

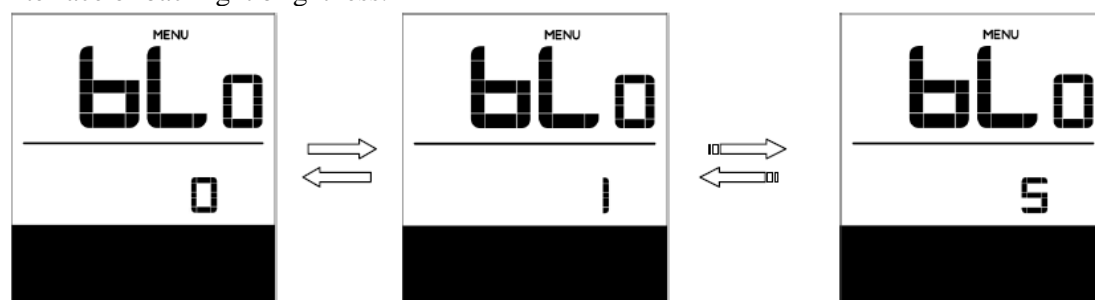
After this setting, press the "mode" key for shorter than 0.3 seconds to enter the setting interface of light sensitivity.



Light Sensitivity:

When the speed field displays bL0, press the “up” or “down” key to display a figure between 0 to 5. 0 represents the shutdown of light-sensing function. As the figure increases, light sensitivity gradually increases.

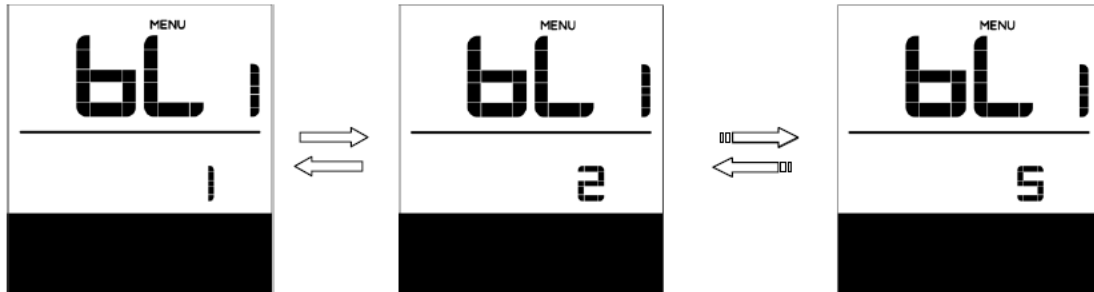
After this setting, press the "mode" key for shorter than 0.3 seconds to enter the setting interface of backlight brightness.



Backlight Brightness:

When the speed field displays bL1, press the “up” or “down” key to display a figure between 1 to 5. The figure 1 represents the lowest backlight brightness while 5 indicates the highest backlight brightness.

After this setting, press the "mode" key for shorter than 0.3 seconds to enter the setting interface of automatic off time.



Automatic Off Time:

When the speed field displays OFF, press the “up” or “down” key to display a figure between 1 to 9. This figure indicates the minute that it takes to automatically shut down the display.

After this setting, press the "mode" key for shorter than 0.3 seconds to enter the setting interface of maintenance warning.

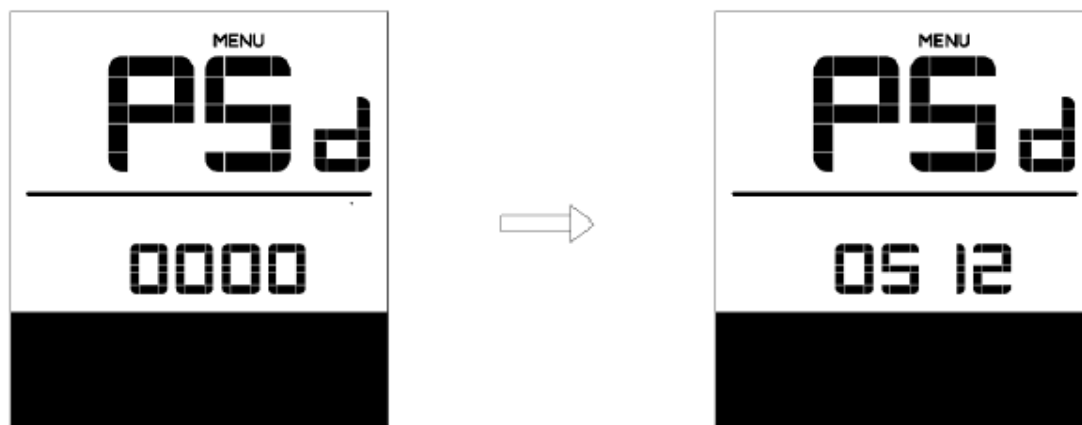


Items for Secondary Setting:

Password Input:

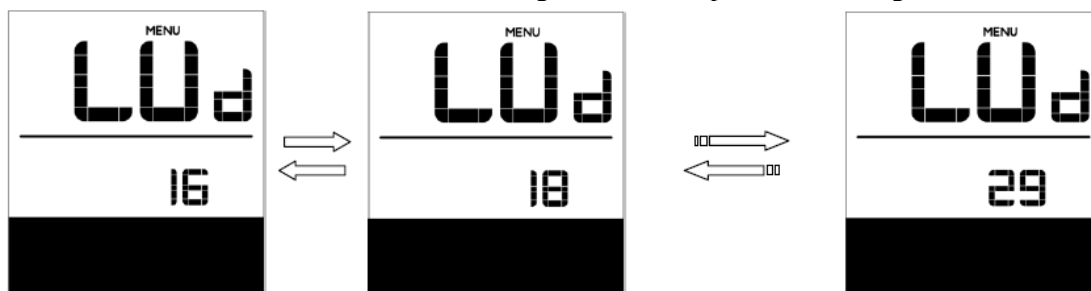
When the speed field displays PSd, it's a prompt to enter a password. Press the “up” or “down” key to set the value (0 to 9) of each password entry. Press the “mode” key to switch among password entries. The password is in four digits and the default password is "0512".

Press the “mode” key to confirm the setting. If the set password is wrong, the system automatically returns to the previous interface. If the set password is correct, the system will enter <wheel diameter selection>.



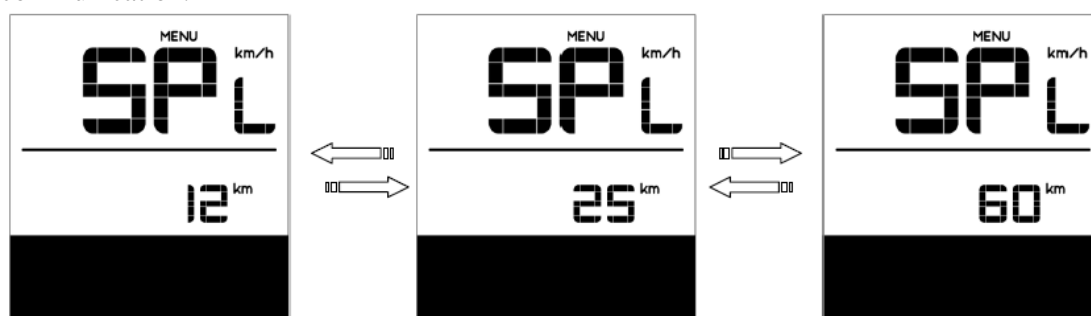
Wheel Diameter Selection:

When the speed position displays Wd, press the “up” or “down” key to switch among 16, 18, 20, 22, 24, 26, 700c, 28 and 29. These figures represent different wheel diameters in inch. A wrong wheel diameter can lead to speed anomalies. After this setting, press the "mode" key for shorter than 0.3 seconds to enter the setting interface of speed limit change.



Speed Limit Change:

When the speed field displays SPL, the distance field displays the value of speed limit whose default is 25km/h. Press the “up” or “down” key to adjust the speed limit. The minimum speed limit is **12 km/h** and the maximum speed limit is **60 km/h**. After the adjustment, press the "mode" button for shorter than 0.3 seconds to enter the interface of battery communication.



Battery Communication:

At this moment, the speed field displays b01 and the distance field displays the speed limit. Press the “mode” key for shorter than 0.3 seconds to set the other communication items in sequence. After all these settings, double press the “mode” key for shorter than 0.3 seconds to exit the interface of battery communication settings.

✧ The following information will not be displayed unless communication has been established between the battery and the controller. If there is no communication between the battery and the controller, the display will only show "- - -" when entering the battery communication interface.




Information to be displayed on the interface of battery communication:

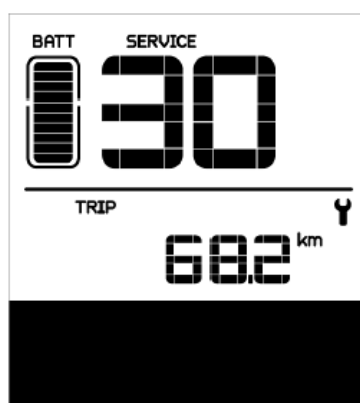
Information Displayed in the Speed Field	Definition
b01	current temperature
b02	maximum temperature
b03	lowest temperature
b04	total voltage
b05	current
b06	average current
b07	remaining capacity
b08	full capacity
b09	relative state of charge
b10	absolute state of charge
b11	charge/discharge cycles
b12	the longest time that the battery was left uncharged after a charge in the past
b13	the time that the battery has been left uncharged since last charge
d01	1st cell voltage
d02	2nd cell voltage
dn	voltage of the nth cell

Error Code Definitions

The MAX-C966 display can give warnings on bicycle faults. When a fault is detected, the

icon  will be displayed on the LCD screen, and there will be an error code "n" in the speed display field. Definitions of error codes are listed in the table below:

Error Code	Error Description	Error-shooting Method
"03" is displayed in the field for speed display.	The braking system has been applied.	Check whether a brake cable is stuck.
"04" is displayed in the field for speed display.	The throttle has not returned home	Check whether the throttle has returned home.
"05" is displayed in the field for speed display.	Throttle fault	Check the throttle.
"06" is displayed in the field for speed display.	Low voltage protection	Check the battery voltage.
"07" is displayed in the field for speed display.	Overvoltage protection	Check the battery voltage.
"08" is displayed in the field for speed display.	Motor hall signal cable fault	Check the motor module.
"09" is displayed in the field for speed display.	Motor phase cable fault	Check the motor module.
"11" is displayed in the field for speed display.	Controller temperature sensor failure	Check the controller.
"12" is displayed in the field for speed display.	Current sensor failure	Check the controller.
"13" is displayed in the field for speed display.	Battery temperature fault	Check the battery.
"21" is displayed in the field for speed display.	External speed-detecting sensor fault	Check the installation position of the external speed-detecting sensor.
"22" is displayed in the field for speed display.	BMS communication failure	Replace the battery.
"30" is displayed in the field for speed display.	Communication failure	Check the controller connectors.



Fault Alert Interface

Component List



Taking Care of Your Batteries

Proper maintenance of the batteries will maximize their lifespan and available ride time.

We use Li-Ion (Lithium Ion) batteries in all of our electric bicycles. These are very user friendly types of batteries when cared for properly.

Batteries should be fully charged immediately when they are received for the recommended charge times. **FULLY CHARGE BATTERIES BEFORE FIRST USE.**

Below are the recommended charge times for each type of the batteries.

Li-Ion(Lithium Ion) batteries 4-6 hours

Charge batteries at least every 90 days for Li-ion.

Always store bicycle with fully charged batteries.

Never charge the batteries for more than 24 hours

Always disconnect the charger from the wall outlet and bicycle when charging is complete (as indicated by the status on the charger) before storing the bicycle.

Do not store the batteries below 50 Fahrenheit and never allow batteries to freeze (Below 32 Fahrenheit)

Li Bikes are equipped with a 5 seconds sleep mode .If do not use the battery for a long time we suggest you to keep the button above the battery for 5 seconds till the

light flash then it will go into “Sleep Mode” and if you want the Li battery working then do same before.

- Always be sure to turn the bike “OFF” after each use via the ON/OFF power switch. If you have left the power switch on or your product have not been charged for a long period of time, the batteries may reach a stage at which it will no longer hold charge.

Be friendly to the environment! Be sure to recycle your old batteries at a local battery recycling center. Do not throw them in the garbage.

- Frequent “stops and starts” will drain a battery more quickly than sustained. long term use.

Even with proper care, rechargeable batteries do not last forever. Average battery life depends on use and conditions.

Charger

The electric bike comes with its own “Smart Charger” that connects with an easy-access charger port for recharging the batteries. This charger has lights which show the battery charge status.

Batteries work best when they have a full charge, so always be sure to recharge them fully after each ride. If you leave them in a run-down condition, without recharging them, it will shorten their life expectancy.

Li-Ion (Lithium ion) batteries –charge for 4-6 hours

The charger may get warm to the touch, so make sure you charge them in an open area and do not lay anything on the charger unit while charging. Although you cannot over-charge the batteries using the “Smart Charger”,

We recommend that you do not leave the charger plugged in for more than 24 hours. If your charger shows a solid green light after charging for a short period of time, your battery may have been only partially discharged (Short ride), or this may be the sign of a partially worn out battery reduced charge capacity. Continue charging for the full time, to cover all the bases. If the battery still has not charged, you may need to replace it.

Even with Proper care, a rechargeable battery does not last forever. Average battery life depends on use and conditions.



The charger and charger port should be regularly inspected for damage (Cord, plug, enclosure, etc.). If damage is found stop using until the damage part can be repaired or replaced.

⚠ CAUTION

RISK OF ELECTRIC SHOCK, DRY LOCATION USE ONLY. SEE INSTRUCTION MANUAL FOR USE.



1. Red light means charging
2. Green light means charge-full
3. Input: AC100-240V~, 1.6A (Max) 50/60Hz
4. Output: 42.00V—2.0A
5. Plug the charger into the outlet and turn the charger “ON” via the switch on the black side. The red power light on the front of the charger will illuminate when the charger is working properly.
6. Insert the XLR plug into the charger port on the bike being sure the charger plug is fully seated in the charger port. The second light will start to flash orange for several seconds while the charger is “seeking” the battery.
7. Once the charger has “found” the battery the blinking orange light will stop flashing and turn solid orange and cooling fan will start. At this point the charger process has begun.
8. Once the battery reaches full charge, the orange light will turn solid green.
9. When charging is complete, unplug the charger from the wall before removing it from the charger port.

Charge for the full time. If the battery still has not charged, you may need to replace it.



Use only Drummer International ,LLC Authorized Li-Ion chargers with bicycles equipped with Li-Ion batteries.

Using any other charger will damage the batteries and void your warranty.

Battery Care

Battery Storage

How to store your battery for a extended time?

Charge the battery every 3 months to avoid capacity loss. Batteries slowly self-discharge when left unused for a long time; if battery cells are allowed to reach a critically low voltage, their lifespan and capacity will be permanently reduced.

Always disconnect your charger from the wall outlet and battery before storing the battery.

Avoid storing your battery in extreme temperatures, whether hot or cold.

Batteries are best kept in a cool, dry place. Do not allow batteries to accumulate condensation, as this could cause shorting and corrosion.

The recommended storage temperature for Li-ion batteries is between 32~77° F.

Avoid exposing the battery to extreme heat (104° F or higher) for long time.

Seat Adjustment

Use the quick release to adjust the height of the seat post.

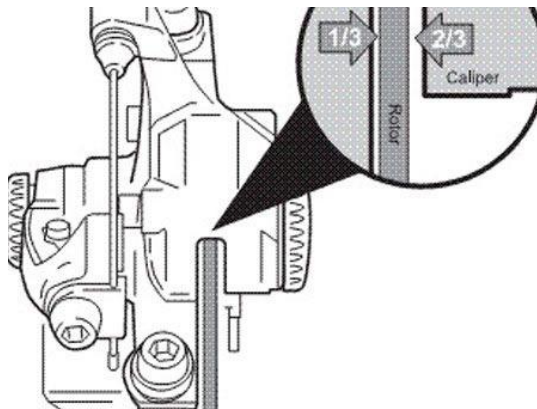


Stem Adjustment

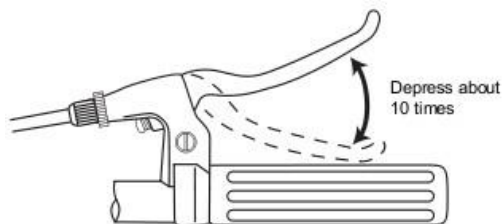
Use the quick release on stem to adjust the angle of handlebar.



Braking Adjustment



Depress the brake lever about 10 times as far as the grip to check that everything is operating correctly and that the shoe clearance is corrected before riding the bike.



Bisek Cycle,. Co.

Should you experience a problem or need to return your E-bike
for repair, please call the Bisek Cycle,. customer service department
TOLL FREE AT 0086-519-85957950 between the hours of 9AM and 5PM UTC+8
Monday thru Friday.

You may also contact Bisek Cycle,. Co. by writing.

info@bisek.cn
Bisek Cycle,. Co.