



EB5 MAX

ELECTRIC BIKE

USER MANUAL

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The manufacturer reserves the right to make changes to the product and manual at any time

Visit www.jasionbike.com to download the latest user manuals



THANK YOU FOR PURCHASING THE JASION EB5 MAX EBIKE!

We are delighted to provide you an excellent product. To ensure you have the best user experience, please read and understand this manual thoroughly before assembling and riding the electric bicycle.

You can download the latest product manual at www.jasionbike.com. After reading the manual, if you have any questions, please contact us via email or phone. For more information about Jasion, visit our Help Center. We are always here, ready to assist you!

Thank you for riding Jasion Electric Bikes!

Jasion Help Center: jasionbike.com/pages/help-center
Email: support@jasionbike.com
TEL: 1(888) 825 6366

Table of Contents

Instructions Before Use	02
Product Safety Warnings	03
Product Safety Notice	04
Warning Message	05
Package Contents	06
Product Overview	07
Specifications	08
Assembly	09
Adjusting the Seatpost	17
Adjusting the Front Suspension	18
Battery Key Positions	19
Remove the Battery	20
Charge Your E-Bike	21
Display and Setting	23
Maintenance & Storage Instructions	40
Recommended Service Intervals	41
Pre-Ride Safety Checklist	42
Troubleshooting	45
Limited Warranty	46
Contact Us	47

Instructions Before Use

This manual will help you safely operate and use your new Ebike. It is essential to read all the information in this manual before riding. Please keep this manual and any other accompanying documents that came with the packaging for future reference. The content of this manual may be subject to change, so please visit the Jasion official website to check and download the latest version. Due to the unpredictable nature of riding, this manual does not make any representations regarding safe use under all conditions. The rider assumes full responsibility for any unforeseen risks during Ebike usage.

IMPORTANT NOTE: To all riders under 16 years old, obtain parental permission before riding an electric bicycle.

If you need any assistance, please feel free to contact the Jasion Support Team.



Product Safety Warnings

INSTRUCTIONS PERTAINING TO RISK OF FIRE OR ELECTRIC SHOCK

The owner's manual provides important operation and maintenance instructions for your Ebike. Read the owner's manual carefully before riding and save it for future reference. Failure to follow any instructions in the owner's manual may result in electric shock, fire, and/or serious injury.

IMPORTANT SAFETY INSTRUCTIONS

WARNING – When using this product, basic precautions should always be followed, including the following:

- Read all the instructions before using the product.
- To reduce the risk of injury, close supervision is necessary when the product is used near children.
- Do not put fingers or hands into the product.
- Do not use this product if the flexible power cord or output cable is frayed, has broken insulation, or any other signs of damage.
- This equipment is not intended to be used at ambient temperatures less than -10 °C or above ambient temperatures of 40 °C.
- The battery is intended to be charged when the ambient temperature is between 0 °C and 40 °C. Never charge the battery when ambient temperatures are outside this range.

SAVE THESE INSTRUCTIONS

! Product Safety Notice



Always wear a helmet when riding your electric bike.



Please keep the bike key secure. If the key is lost, you will not be able to start your Ebike or replace the battery. If necessary, you can obtain spare keys (Jasion does not provide or sell spare keys).



Ensure your electric bike is fully charged before taking it out to ride.



Strictly adhere to local road regulations.



Do not ride an Ebike after consuming medication or alcohol.



Always respect pedestrians.



Avoid use under rainy conditions as it may result in potential injuries caused by slippery roads. Moisture can also damage electronic components and void the warranty.












! Warning Message

1. Avoid Water - The electric bicycle is not waterproof, and electronic components may be damaged by water, voiding our warranty policy. Riding in wet conditions is also highly dangerous and may result in injury.
2. Avoid prolonged exposure to direct sunlight or heavy rain. Store the bike in a place free from high temperatures or corrosive gases.
3. Avoid Misuse - We do not provide warranty coverage for physical damage as a result of extreme riding or lack of routine maintenance.
4. When riding the electric bicycle, there is a risk of severe injury or even death due to loss of control, collision, or falls. Please ride cautiously and be aware of potential riding risks.
5. Modifying the product beyond the original manufacturer's design is strictly prohibited.
6. Do not exceed the speed limits set by authorities in your local area and comply with all traffic regulations.
7. Avoid direct contact between the human body and charging port. Also, prevent the charging port from coming into contact with metal objects.
8. Before riding - Conduct a thorough inspection of the electric bicycle to ensure all components are functioning properly. Check whether the braking system is operating correctly and become familiar with the safety warning content. Ensure that the axle protection device, chain guard, or any other covers or protective devices provided by the manufacturer are in place and in usable condition.
9. Do not exceed the maximum total payload of 400 lbs.
10. The electric bike should never be used by children under the age of 16.
11. You may need additional insurance coverage to protect against specific situations that may arise while riding the electric bicycle. We recommend contacting an insurance company or broker for advice or consultation.
12. To conserve power, use the assist mode, avoid frequent braking, riding against strong winds, carrying heavy loads (including passengers), and riding with low tire pressure.

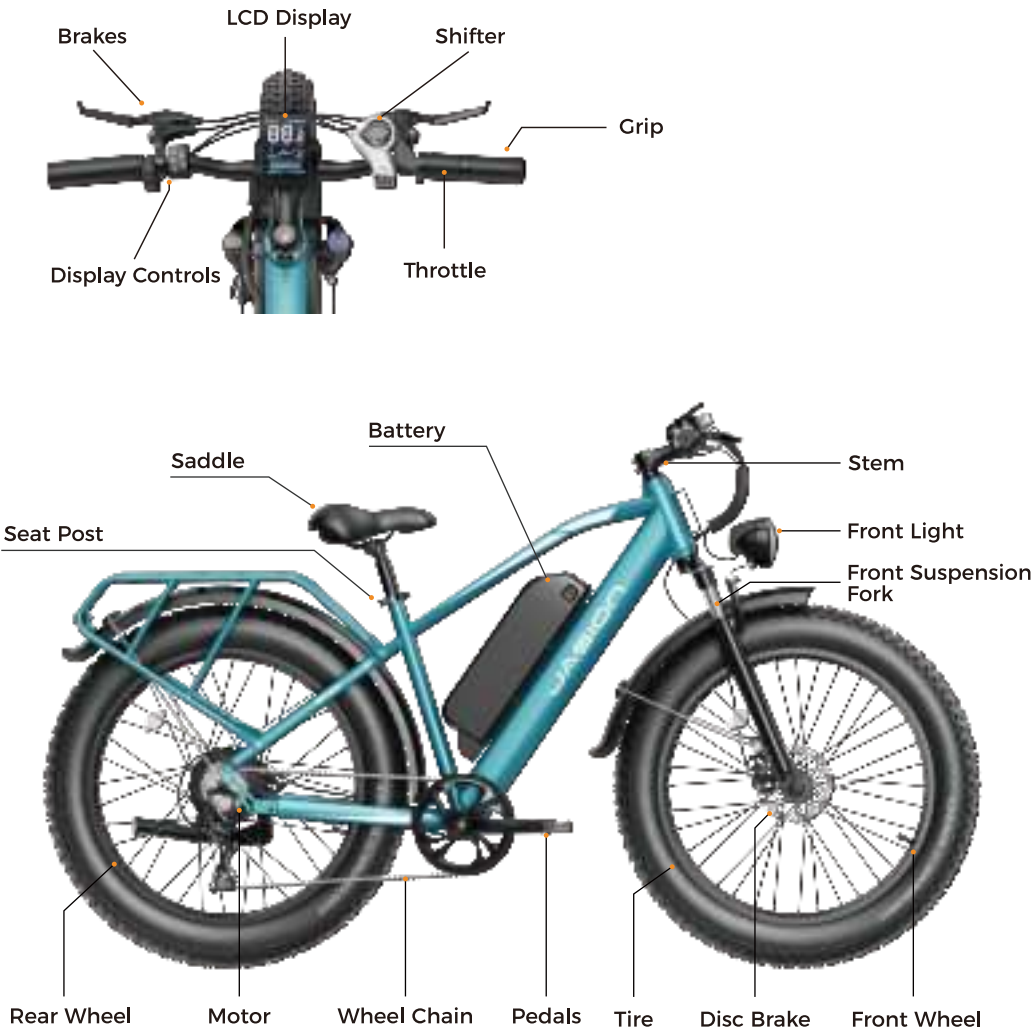
Package Contents

Carefully check package contents, if anything is missing or damaged, please contact Jasion customer service for support: support@jasionbike.com

Unpack the bike. Open the bike box and remove the small box inside. With the help of another person capable of safely lifting a heavy object, remove the bike from the bike box. Carefully remove the packaging material protecting the bike frame and components. Please recycle packaging materials especially cardboard and foam whenever possible. Open the small box and carefully set out all contents.

 User Manual x1	 Stem Cover x2	 Pedals x2	 Front Wheel x1
 Keys x2	 Fender x1	 Rear Rack x1	 Tools x7
 Charger x1	 Front Light x1	 Electric Bike x1	

Product Overview



Specifications

ITEM	SPECIFICATIONS
Model	EB5 MAX
Product Dimensions	1920*610*1120(mm)
Package Dimensions	1570*310*790(mm)
Max Load	400 Lbs (181kg)
Package Weight	104 Lbs (47.3kg)
E-Bike Weight	83 Lbs (37.8kg)
Max Speed	28 Mph (45km/h)
Range	50 Miles (80.5km)
Battery	48V 15Ah
Charger	54.6V
Charging Time	7-8 Hours
Tire	26*4.0"
Motor	Peak 1500W
Frame Material	High Carbon Steel
IP Level	IPX 4

Assembly

Step 1: Front Wheel Installation



- 1 Fix the vehicle body and remove the front fork protection rod using the wrench in the accessory tool.



- 2 Take out the front wheel and remove the screws on both sides of the front wheel axle. Fix the front wheel onto the front fork and insert the axle into the front fork slot (ensure that the disc brake is on the left side of the front fork).



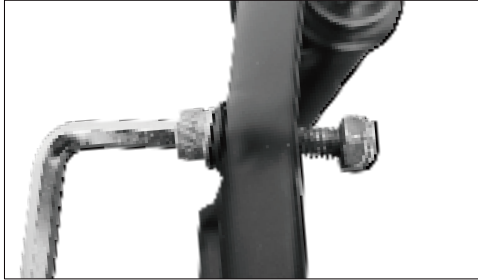
- 3 Align the safety hook gaskets on the left and right sides of the front wheel and hang them into the circular holes (very important).



- 4 Using the wrench, tighten the nuts on both sides. Cover both sides with axle caps.

✂ Assembly

Step 2: Front Fender & Headlight Installation



- 1 Use the Allen wrench and a wrench from the accessories kit, remove the screws and anti-skid nuts on the front fork hanger.



- 2 Fix the headlight and front mudguard mounting ears with screws and anti-skid nuts and tighten them.



- 3 Fix the mud plate left side support to the left side of the front fork with the screw, then tighten.
Fix the mud plate right side support to the right side of the front fork with the screw, then tighten.



- 4 Connect the headlight power cord.

✂ Assembly

Step 3: Head Tube Installation



- 1 Remove the screws on the aluminum cover with the Allen wrench. Remove the aluminum sleeve.



- 2 Insert the stem into the front fork frame.



- 3 Replace the riser cover and tighten the aluminum cover screws with the Allen wrench.



- 4 Align the handlebar angle properly. Use the Allen wrench to fix the screws on both sides of the seat tube.

✂ Assembly

Step 4: Rear Fender Installation



- 1 Remove the corresponding left and right screws from the frame.



- 2 Fix the left support of the mud plate to the frame and tighten the left screw.



- 3 Fix the right support of the mud plate to the frame and tighten the right screw.

✂ Assembly

Step 5: Rear Rack Installation



- 1 Remove the four screws on the left and right sides of the frame's rear fork.



- 2 Align the rear shelf to the frame.



- 3 Tighten the rear shelf to the frame with screws.



- 4 Ensure that all four screws are tightened.

✂ Assembly

Step 6: Taillight Installation



- ① Remove the nuts from the taillight.



- ② Install the taillight to the rear shelf of the bike and tighten into place by hand.



- ③ Use a wrench to further tighten the nuts into place.



- ④ Use the zip tie to secure the taillight power cord to the frame of the bike.

✂ Assembly

Step 7: Pedal Installation



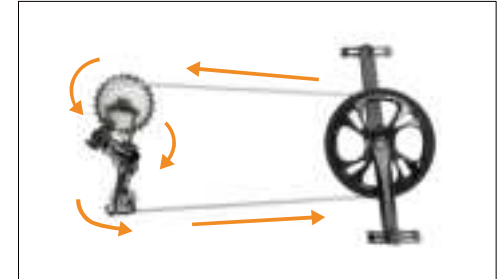
- ① Locate the right-side/ left side pedal, which is marked "R," "L," should have an "R"/"L," sticker attached.



- ② Thread the right pedal onto the right crank gently by hand, turning clockwise. Then tighten pedal by allen wrench.



- ③ Adjust the seat and the head of the seat is parallel with the top tube.



- ④ Locking seatpost clamp.

Note: If the pedal/ chain doesn't run smoothly or something seems misaligned, please contact Jasion Support at support@jasionbike.com.

✂ Assembly

Step 8: Seat Installation



- ① Pull the quick release handle outwards to fully release the seat post.



- ② Turn the seat clockwise and adjust it to the appropriate height. Do not raise the seat tube above the highest safety line mark on the tube.



- ③ Adjust the seat angle so the head tube of the saddle is parallel with the bike frame.



- ④ Fasten the quick release handle. If it is too loose, turn the handle clockwise a few times before trying again.

✂ Adjusting the Seatpost

(1) NOTICE: Ensure the seat post and seat are properly adjusted before riding. DO NOT raise the seat post beyond the lowest insertion marking etched into the seat post tube (as shown on the right). If the seat post is extended past these markings, the seat post or frame may break, potentially harming the rider and damaging the bike irreparably. Ensure the lowest insertion markings on the seat post are INSIDE the seat-tube of the frame.

(2) Before using the bike, always check that the latches, levers, and quick releases are properly secured and undamaged. Ensure that they are correctly secured before every ride and after every time the bike is left unsupervised, even momentarily. Otherwise, the handlebar stem and/or seat post may come loose and result in loss of bike control, damage to the rider and/or bike, additional property damage, serious injury, and/or death.



✂ Adjusting the Front Suspension

The suspension fork can be adjusted up to 80mm to cushion riding surfaces, making rides on rough roads or trails smoother and more comfortable. Depending on the rider's preference, the suspension fork can be locked into place, providing less cushioning but greater pedaling efficiency.

The lockout lever (1)

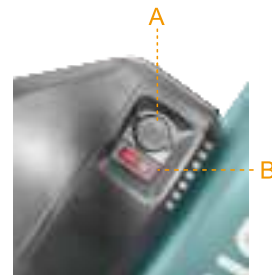
Located to the top-right of the suspension fork, the lockout lever can be turned counter-clockwise to adjust resistance or fully lock the suspension in place. To unlock, turn the lever completely clockwise.

The preload adjustment knob (2)

Located to the top-left of the suspension fork, to soften resistance, turn the preload adjustment knob counter-clockwise towards the minus sign (−) on the knob. To increase suspension stiffness, turn the adjustment knob towards the plus sign (+) on the knob.



Battery Key Positions



Keyport & key positions

	Description
A	Battery charging port
B	Battery power button (I means on, O means off)

1. Familiarize yourself with the key port and battery power positions before riding the bike. The photo shows the key port aligned in key position 1, in line with the small lock icon. In key position 1, the battery is in the "lock" position, with the battery locked to the frame, and the key removed so the bike is ready to ride.

2. Anytime the battery is in key position 2, (off, unlocked from the frame) the battery must be removed from the bike before moving or riding the bike. Hold the key and sliding the battery off the mount.





Remove the Battery

For your convenience, the jasion battery can be removed.



- 1 Ensure the battery is off. Align the key port with the appropriate off position by inserting the key into the keyport and rotating to align the key with the off icon.



- 2 Use the key to unlock the battery. Using slight force, slide the battery forward to disengage it from its fixed track. Then gently remove the battery.

When the battery is removed, be careful not to drop or damage the battery when loose from the bike. Avoid damaging the exposed connector terminals and keep them clear of debris.

When installing the battery, ensure the battery is turned off before sliding the battery into the frame mount receptacle. Do not force the battery onto the receptacle; Position the battery so that it is on the battery track. Allow the battery to slide on the battery track into its resting position, then lock it into place with the key. Ensure the battery has been properly secured to the bike before each use by carefully pulling upwards on the battery with both hands to test the security of the attachment of the battery to the mount.



Charge Your E-Bike

Before using the electric bike, you must fully charge the battery.



Charging port



1. Ensure the battery is off, by rotating the key to align with the off icon.
2. Remove the rubber cover on the charging port on the opposite side of the battery from the key switch.
3. Plug the charger into the battery's charging port. With the battery on or off the bike, place the charger in a flat, secure place, and connect the DC output plug from the charger to the charging port on the side of the battery.
4. Plug the charger into a power outlet, charging should initiate and will be indicated by the LED charge status lights on the charger turning red. Once fully charged, the charging indicator light turning green. Unplug the charger from the wall outlet first and then remove the charger output plug from the battery charging port.

⚙️ Charge Your E-Bike



The battery can be charged off the bike. To remove the battery, turn the key to the left position (see the previous remove battery section for details).



Remove the rubber cover on the charging port on the opposite side of the battery from the key switch. Connect the DC output plug from the charger to the charging port on the side of the battery.



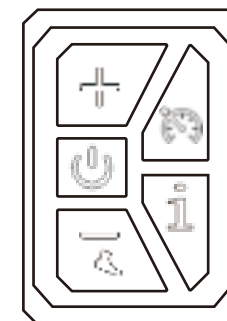
Plug the charger into a power outlet, charging should initiate and will be indicated by the LED charge status lights on the charger turning red. Once fully charged, the charging indicator light turning green. Unplug the charger from the wall outlet first and then remove the charger output plug from the battery charging port.

⚙️ Display and Setting






Function Summary

The J-57C instrument provides a variety of features to meet your cycling needs, including:

- Smart power display (percentage displayed as optional)
- Motor output power indication
- Power gear adjustment and indication
- Help to implement control and instructions
- Factory default parameter recovery function
- Mileage display (including single mileage and total mileage)
- Personalized parameter setting (such as: wheel diameter, speed limit, battery undervoltage setting and power parameter setting, boot password setting, controller flow limit setting, etc.)
- Speed display
- Headlamp control and indication
- Error code is displayed
- Cruise instructions



Button definition

The operation unit corresponding to J-57C instrument has five keys, on / off key , plus key , minus key , cruise speed key  and function key .

⚙️ Display and Setting

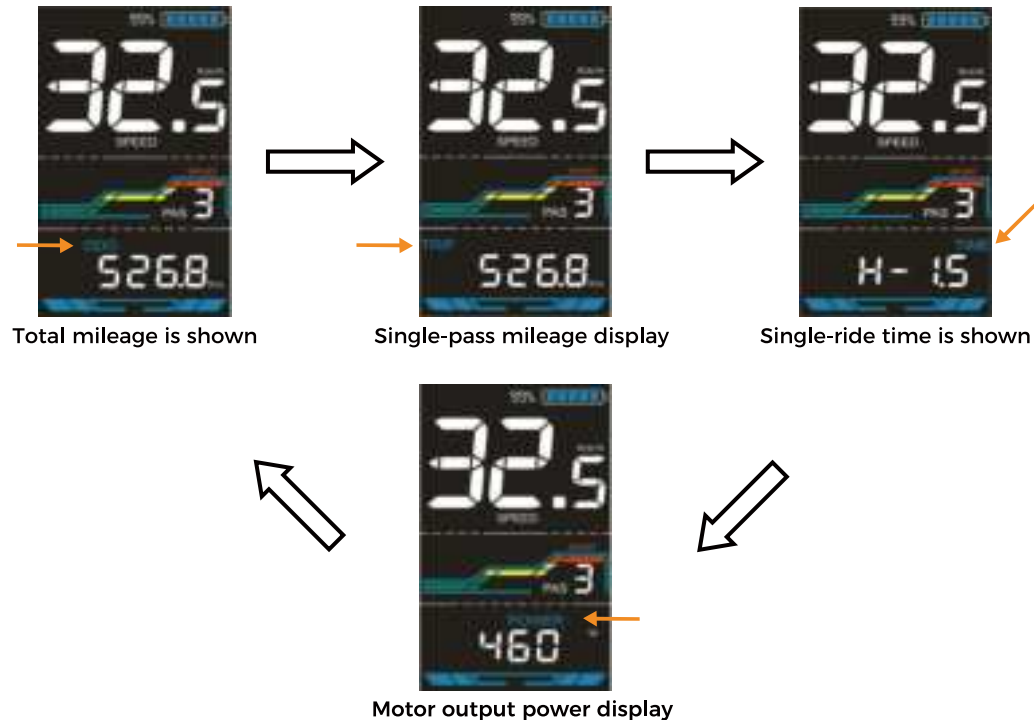
Power-on / off

After pressing and holding the button, the instrument starts to work and switches on the working power supply of the controller. In the boot state, the long button, you can turn off the electric bike electricity source. In the shutdown state, the instrument no longer uses the power supply of the battery, and the leakage current of the instrument is less than 1 uA.

If the electric vehicle is not used for more than 10 minutes, the instrument will automatically shut down.

Display interface switch

After the instrument is turned on, the instrument displays the real-time speed (km / h) and the total mileage (km) by default. The short button display information is switched between the total mileage (km), single mileage (km), single ride time, and the output power of the motor.



⚙️ Display and Setting

Switching Push-assistance mode ON/OFF

Electric vehicles enter the state of electric power implementation. The electric bike travels at a constant speed of 6 kilometers per hour. Long press shows the screen tripping gear. The electric vehicle will immediately stop the power output and return to the state before the power implementation.

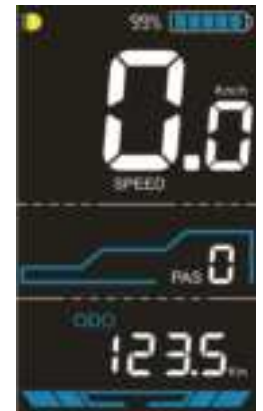
The power implementation function can only be used when the user implements the electric vehicle, do not use in the cycling state.



Help the implementation display interface

Switching Lighting ON/OFF



Long key to make the controller to turn on the headlights; again long key to make the controller turn off the headlights.



Turn on the headlight display interface

⚙️ Display and Setting




Assist Level Selection

Short press  /  Key, switch the electric vehicle power gear, so as to change the output power of the motor.



gear switch display interface

Cruise control at constant speed

During the driving process, the short button  , while the screen displays  icon indicates has entered the cruise speed, the main can open the knob, short button or brake  The bike will automatically cancel cruise control while the screen will no longer display icon.



Cruise display interface at constant speed

⚙️ Display and Setting

Battery Indicator

The five stage of battery power shows that when the battery is full, the five lights are on, and when the battery is undervoltage, the outer frame of the battery flashes, indicating that it needs to be charged immediately.




The battery is under-pressed and flashing

Battery level display interface

Error Code Indication

When the electric control system of the electric vehicle fails, the instrument will automatically display the error code. For details, see Table 1 and 2.

 Have the display inspected and repaired when an error code appears. Or else, you will not be able to ride the bike normally. Please always refer to an authorized bicycle dealer.












Error Code Indication

Display and Setting

Personalize the parameter settings

 Each of the settings needs to be performed when the vehicle is still.





Personalized parameter setting operation steps are as follows:
In the boot state, when the instrument display speed is 0,

1. hold both the  button and  button simultaneously for 2S, press and hold the key for more than 2 seconds, and enter the personalized parameter setting item selection interface;
2. Short press  /  key to switch the personalized parameter setting item selection interface, short button  , enter the parameter change state;
3. Short press  /  key for parameter selection;
4. Short button  , save the parameter setting and return to the personalized parameter setting item selection interface;
5. Long button  , save the parameter setting and exit the personalized parameter setting item selection interface.

The parameter selection interface has the following options:

Backplane brightness setting

P01 sets the option for backlight brightness, 00 the darkest and 03 the brightest.

Short button  , enter the change parameter state, short press  /  for parameter selection, short button  , save parameter settings and return to personality Chemical parameter setting item selection interface;







Back brightness setting interface

Display and Setting

Metric English system unit setting





P02 sets options for metric units,"00" is mile, and "01" is Kilometre .

Short button  , enter the change parameter state, short press  /  for parameter selection, short button  , save parameter settings and return to personality Chemical parameter setting item selection interface;



Rated voltage setting

P03 is the option of rated voltage setting. The rated voltage range can be set as 24V, 36V, and 48V.

Short button  , enter the change parameter state, short press  /  for parameter selection, short button  , save parameter settings and return to personality Chemical parameter setting item selection interface;



The rated voltage setting interface

⚙️ Display and Setting

Automatic shutdown time setting

P 04 sets the option for automatic shutdown time. In order to save the vehicle power to obtain a higher range, this instrument is equipped with automatic shutdown for a long time without any operation Function, can set the automatic shutdown time range: 1~60min, 00 means no automatic shutdown. General factory default 10min automatic shutdown.

Short button **i**, enter the change parameter state, short press **+** / **-** for parameter selection, short button **i**, save parameter settings and return to personality Chemical parameter setting item selection interface;



Automatic shutdown time setting interface

Power-assist gear range setting

Gear setting

P 05 is the power gear range setting option. The available power gear options are: 0~3, 1~3, 0~5, 1~5, 1~7, 0~7, 0~9, 1~9.

Short button **i** twice, enter the change parameter state, short press **+** / **-** for parameter selection, short button **i**, save parameter settings and return to personality Chemical parameter setting item selection interface;

⚙️ Display and Setting

Assist the proportion value setting

P05 sets options for metric units, "00" is mile, and "01" is Kilometre.

By setting the power ratio value, you can adjust the speed of each gear to meet the needs of different cyclists. Refer to Annex 2 for details. Take 1 level as an example, "45-55%" is the range of 1 level power ratio, "50%" is the default value of 1 level, is a set value. Change the parameters through **+** / **-**; confirm with the short **i**, and enter the next gear parameter setting interface. After setting all gear parameters, press the **i** to return to the personalized setting item select the interface.



Power gear setting Figure



Power gear range setting interface

Wheel diameter setting

P 06 sets the wheel diameter for instrument adjustable wheel diameter is 8 to 32 inch.

Short button **i**, enter the change parameter state, short press **+** / **-** for parameter selection, short button **i**, save parameter settings and return to personality Chemical parameter setting item selection interface;



Wheel diameter setting interface

⚙️ Display and Setting

Setting of the magnetic steel number for the speed measuring sensor

P 07 is the option of setting the number of magnetic steel for speed measurement sensor. The number of magnetic steel for instrument speed measurement can be adjusted from 1~ 15 particles (or 1~63 particles, Different agreement scope).

Short button **i** , enter the change parameter state, short press **+** / **-** for parameter selection, short button **i** , save parameter settings and return to personality Chemical parameter setting item selection interface;



Setting interface of magnetic steel number of speed measuring sensor

Speed limit setting

P 08 is the speed limit setting option, and the adjustable range of instrument is 1~ 100km / h.(Max adjustable speed limit varies between protocols).

Short button **i** , enter the change parameter state, short press **+** / **-** for parameter selection, short button **i** , save parameter settings and return to personality Chemical parameter setting item selection interface;



Speed limit setting interface

⚙️ Display and Setting

Setting of the startup mode

P 09 is options for zero start and non-zero start. 00 zero start and 01 non-zero start.

Short button **i** , enter the change parameter state, short press **+** / **-** for parameter selection, short button **i** , save parameter settings and return to personality Chemical parameter setting item selection interface;



Starup mode startup mode

Drive mode setting

P 10 sets options for the drive mode. The optional drive modes for the instrument include: 00 power drive, 01 electric drive and 02 power electric drive coexist.

Short button **i** , enter the change parameter state, short press **+** / **-** for parameter selection, short button **i** , save parameter settings and return to personality Chemical parameter setting item selection interface;



Setup interface of power assist mode

⚙️ Display and Setting

Power sensitivity setting

P 11 sets the option for power sensitivity, which is the motor starting when the controller detects several power sensor magnetic steel passing through the sensor sensitivity. The adjustable range of instrument power power sensitivity is: 1~24.

Short button **i**, enter the change parameter state, short press **+** / **-** for parameter selection, short button **i**, save parameter settings and return to personality Chemical parameter setting item selection interface;



Power sensitivity setting interface

Power startup strength setting

P 12 is the option for setting power start strength. Power start strength is the relative strength of the PWM signal output by the controller during power start. The adjustable range is 0 ~ 5, 0 The weakest and 5 are the strongest.

Short button **i**, enter the change parameter state, short press **+** / **-** for parameter selection, short button **i**, save parameter settings and return to personality Chemical parameter setting item selection interface;



Power boost startup strength setting interface

⚙️ Display and Setting

Setting of magnetic steel number of power drive sensor

P 13 sets the number of magnetic steel for power sensor, and the number of magnetic steel for instrument power sensor.

Short button **i**, enter the change parameter state, short press **+** / **-** for parameter selection, short button **i**, save parameter settings and return to personality Chemical parameter setting item selection interface;



Magsteel number setting interface of power sensor

Current-limiting setting of the controller

P14 sets the option of controller, and the adjustable range of instrument controller is 1~25A.

Short button **i**, enter the change parameter state, short press **+** / **-** for parameter selection, short button **i**, save parameter settings and return to personality Chemical parameter setting item selection interface;



Current-limiting setting interface of the controller

⚙️ Display and Setting

Battery undervoltage value setting

P 15 sets the option for the battery undervoltage value, which can adjust the undervoltage value according to the current rated voltage value.

Short button **i**, enter the change parameter state, short press **+** / **-** for parameter selection, short button **i**, save parameter settings and return to personality Chemical parameter setting item selection interface;



Battery undervoltage value setting interface

Single zero-reset setting

P 16 sets the option for single mileage clearance. The optional options for the instrument are: 00 no zero and 01 single mileage zero.

Short button **i**, enter the change parameter state, short press **+** / **-** for parameter selection, short button **i**, save parameter settings and return to personality Chemical parameter setting item selection interface;



Single mileage, zero clearance interface

⚙️ Display and Setting

Cruise control Settings

P 17 for the controller cruise setting options, instrument selection options are: 00 do not enable cruise, 01 enable cruise.

Short button **i**, enter the change parameter state, short press **+** / **-** for parameter selection, short button **i**, save parameter settings and return to personality Chemical parameter setting item selection interface;



Cruise setting interface at fixed speed

Boot-on password setting

The P18 sets the option for the boot password. Short button **i**, enter the "parameter change state (" n " flash), short press **+** / **-** key, select PSd-y to open the boot password, PSd-N to close the boot password, short button **i** confirmation mode and enter the four-digit boot password setting state or exit to the personalized setting selection interface. When the password is set, the adjustable number bit will blink, and the short press **+** / **-** key will adjust the number, **i** to save the number and enter the next number setting. After setting the four digits, you can save the long button **i** return to the personalized parameter setting item selection interface;



Power-up password setting

⚙️ Display and Setting

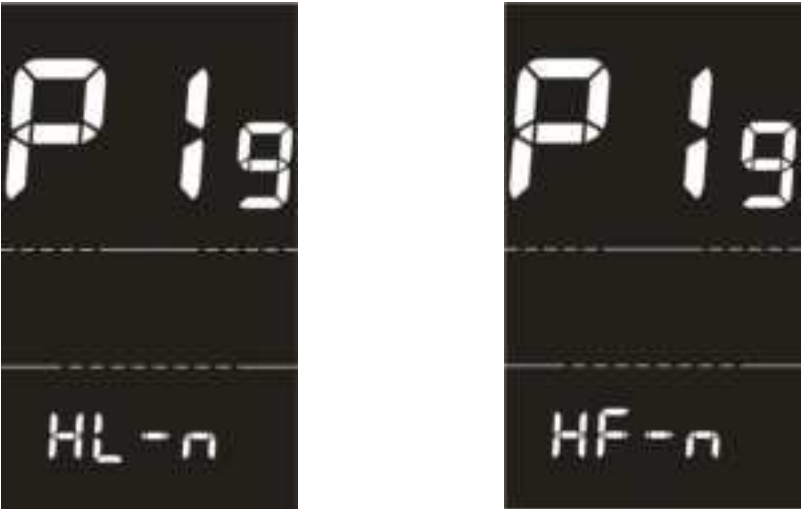
Transfer the power implementation setting and gear enabling setting

P19 is set for power push and gear enabling.

HL helps to implement the implementation, HL-N means that the switch does not help the implementation function, HL-Y means that the transfer has the power implementation function, that is, when the rotation is turned, the instrument enters the power implementation mode.

HF-Y sets the option for shift enabling. HF-N means non-shift, if the switch is selected, the maximum speed can only reach the speed corresponding to the gear displayed on the instrument, the maximum speed is not limited by the gear displayed on the instrument.

Short button **i** , into the change parameters, short press **+** / **-** key selection turn power push / grading enabling setting, short press **i** key to confirm the modified turn power push / step can set parameters, short press **+** / **-** key selection turn power push / step enabling, parameters, short button **i** confirm parameters and reverse the power push / grading enabling setting, **i** key again to confirm and return to the conventional parameter set item selection interface;



Transfer power implementation setting and gear enabling setting

⚙️ Display and Setting

Restore the factory setting operation

DEF sets the option for restore factory default parameters, dEF-Y indicates that the default parameters need to be restored and dEF-N means that the default parameters are not required.

Under the condition of the main interface speed of 0, press and hold the **+** and **-** key for more than 2S, you can enter the recovery factory default parameter interface and pass Short press **+** / **-** key to switch. If “Y” is selected, the instrument will display “dEF-0” for a period of time after the long button **i** confirms for more than 2S

And automatically start to restore the factory default setting, restore the default completion to automatically exit and return to the normal display interface.



Restore the default settings interface

5S and KDS protocol fault code			
Fault code	Fault name	Fault code	Fault name
E021	Current anomaly	E024	Hall fault
E022	Turn the fault	E025	Brake fault
E023	Motor phase deficiency	E030	Communication failure



MAINTENANCE & STORAGE INSTRUCTIONS

Cleaning and Storage

If you see stains on the bicycle, use a damp cloth to wipe them away, or use a toothbrush with toothpaste.

Warning: Do not use alcohol, gasoline, kerosene, or other corrosive and volatile chemical solvents to clean the bicycle, as they may cause severe damage. Do not use a high-pressure washer for cleaning. During the cleaning process, ensure that the bicycle is turned off, the charging cable is unplugged, and the charging port rubber cover is properly closed to prevent water leakage and avoid potential electrical short circuits or other major issues.

When the bicycle is not in use, store it indoors in a dry and cool place. Prolonged outdoor storage or exposure to excessive sunlight, heat, or extremely cold or wet environments can accelerate the aging of the bicycle and its battery.

Battery Maintenance

All Jasion Ebikes are equipped with advanced lithium batteries. To ensure safety and optimal performance for longer riding time and distance, proper battery maintenance is necessary.

1. Please use the original battery pack, as using battery from other models or brands may pose safety risks.
2. Do not touch the battery contacts. Keep them away from metal objects to prevent short circuits that could damage the battery or cause harm to individuals.
3. Use the original power adapter to avoid potential damage or fire hazards.
4. Improper disposal of used batteries can cause significant harm to the environment. Please follow local regulations for the proper disposal of used batteries.
5. Always fully charge the battery after each use to extend battery lifespan.
6. Store the bicycle in a dry and cool place at temperatures between 50°F–77°F (10°C–25°C). Moisture in the environment can lead to condensation or water accumulation, which could damage the battery.
7. Avoid fully depleting the battery during regular use. If the battery level is low, recharge it as soon as possible. If the bicycle is not in use, make sure to recharge it every month to protect the battery.



Recommended Service Intervals

Regular inspection and maintenance are key to ensure bikes from jasion function as intended, and to reduce wear and tear on their systems. Recommended service intervals are meant to be used as guidelines. Real world wear and tear, and the need for service, will vary with conditions of use. We generally recommend inspections, service, and necessary replacements be performed at the time or mileage interval that comes first in the following table.

Interval	Inspect	Service	Replace
Weekly, 100-200 mi (160-321km)	<ul style="list-style-type: none"> – Check drivetrain for proper alignment and function (including the chain, freewheel, chainring, and derailleur). – Check wheel trueness and for quiet wheel operation (without spoke noise). – Check condition of frame for any damage. 	<ul style="list-style-type: none"> – Clean frame by wiping frame down with damp cloth. – Use barrel adjuster(s) to tension derailleur/brake cables if needed. 	<ul style="list-style-type: none"> – Replace any components confirmed by jasion Product Support or a certified, reputable bike mechanic to be damaged beyond repair or broken.
Monthly, 250-750 mi (402-1207km)	<ul style="list-style-type: none"> – Check brake pad alignment, brake cable tension. – Check bike is shifting properly, proper derailleur cable tension. – Check chain stretch. – Check brake and shifter cables for corrosion or fraying. – Check spoke tension. – Check accessory mounting (rack mounting bolts, fender hardware, and alignment). 	<ul style="list-style-type: none"> – Clean and lubricate drivetrain. – Check crankset and pedal torque. – Clean brake and shift cables. – True and tension wheels if any loose spokes are discovered. – Balance the battery. 	<ul style="list-style-type: none"> – Replace brake and shift cables if necessary. – Replace brake pads if necessary.
Every 6 Months, 750-1250 mi (1207-2011km)	<ul style="list-style-type: none"> – Inspect drivetrain (chain, chainring, freewheel and derailleur). – Inspect all cables and housings. 	<ul style="list-style-type: none"> – Standard tune-up by certified, reputable bike mechanic is recommended. – Grease bottom bracket. 	<ul style="list-style-type: none"> – Replace brake pads. – Replace tires if necessary – Replace cables and housings if necessary.



Pre-Ride Safety Checklist

Safety Check	
1.Brakes	<p>Ensure front and rear brakes work properly.</p> <p>Check brake pads for wear and ensure they are not overworn.</p> <p>Ensure brake pads are correctly positioned in relation to the rims.</p> <p>Ensure brake cables are lubricated, correctly adjusted, and display no obvious wear.</p> <p>Ensure brake levers are lubricated and tightly secured to the handlebar.</p> <p>Test that the brake levers are firm and that the brake, and the brake light are functioning properly.</p>
2.Wheels and Tires	<p>Ensure tires are inflated within the recommended limits posted on the tire sidewall and hold air.</p> <p>Ensure tires have good tread, have no bulges or excessive wear, and are free from any other damage.</p> <p>Ensure rims run true and have no obvious wobbles, dents, or kinks.</p> <p>Ensure all wheel spokes are tight and not broken.</p> <p>Check axle nuts and front wheel quick release to ensure they are tight, Ensure the locking lever on the quick release skewer is correctly tensioned, fully closed, and secured.</p>
3.Steering	<p>Ensure the handlebar and stem are correctly adjusted, tightened, and allow proper steering.</p> <p>Perform a handlebar twist test (see assembly step 4) to ensure the stem clamp bolt security.</p> <p>Ensure the handlebar is set correctly in relation to the fork and the direction of travel.</p>
4. Chain	<p>Ensure the chain is clean, oiled, and runs smoothly.</p> <p>Extra care is required in wet, salty/otherwise corrosive, or dusty conditions.</p>
5. Bearings	<p>Ensure all bearings are lubricated, run freely, and display no excess movement, grinding, or rattling.</p> <p>Check headset, wheel bearings, pedal bearings, and bottom bracket bearings.</p>
6. Cranks and Pedals	<p>Ensure pedals are securely tightened to the cranks.</p> <p>Ensure the cranks are securely tightened and are not bent.</p>
7. Derailleur and Mechanical Cables	<p>Check that the derailleur is adjusted and functioning properly.</p> <p>Ensure shifter and brake levers are attached to the handlebar securely.</p> <p>Ensure all shifter and brake cables are properly lubricated.</p>



Pre-Ride Safety Checklist

Safety Check	
8. Frame, Fork, and Seat	<p>Check that the frame and fork are not bent or broken.</p> <p>If either frame or fork are bent or broken, they should be replaced.</p> <p>Check that the seat is adjusted properly, and seatpost quick release lever is securely tightened.</p>
9. Motor Drive Assembly and Throttle	<p>Ensure hub motor is spinning smoothly and motor bearings are in good working order.</p> <p>Ensure all power cables running to hub motor are secured and undamaged.</p> <p>Make sure the hub motor axle bolts are secured and the torque arm, torque arm bolt, and torque washers are in place.</p>
10.Battery	<p>Ensure battery is charged before use.</p> <p>Ensure there is no damage to battery.</p> <p>Lock battery to frame and ensure that it is secured.</p> <p>Charge and store bike and battery in a dry location, between 50°F-77 °F(10°C-25 °C).</p> <p>Let bike dry completely before using again.</p>
11. Electrical Cables	<p>Look over connectors to make sure they are fully seated and free from debris or moisture.</p> <p>Check cables and cable housing for obvious signs of damage.</p> <p>Ensure headlight, taillight, and brake light are functioning, adjusted properly, and unobstructed.</p>
12.Accessories	<p>Ensure all reflectors are properly fitted and not obscured.</p> <p>Ensure all other fittings on bike are properly secured and functioning.</p> <p>Inspect helmet and other safety gear for signs of damage.</p> <p>Ensure rider is wearing a helmet and other required riding safety gear.</p> <p>Ensure mounting hardware is properly secured if fitted with a front rack, rear rack, basket, etc.</p> <p>Ensure the taillight and taillight power wire are properly secured if fitted with rear rack.</p> <p>Ensure the fender mounting hardware is properly secured if fitted with fenders.</p> <p>Ensure there are no cracks or holes in fenders.</p> <p>If installed, ensure the optional rear wheel lock is secured in the unlocked position and the key is removed before every ride.</p>



Your cables, spokes, and chain will stretch after an initial break-in period of 50-100 mi (80-160 km), and bolted connections can loosen. Always have a certified, reputable bike mechanic perform a tune-up on your bike after your initial break-in period of 50-100 mi (80-160 km) (depending on riding conditions such as total weight, riding characteristics, and terrain). Regular inspections and tune-ups are particularly important for ensuring that your bike remains safe and fun to ride.



Pre-Ride Safety Checklist

Tire Inflation and Replacement

The EB5 MAX employs 26"x4.0" rubber tires with inner tubes. The tires are designed for durability and safety for regular cycling activities and need to be checked before each use for proper inflation and condition. Proper inflation, care, and timely replacement will help ensure that your bike's operational characteristics will be maintained, and unsafe conditions avoided.

Jasion recommends 40-65 PSI for the stock tires on the Jasion. Always stay within the manufacturer's recommended air pressure range as listed on the tire sidewall.



It is critically important that proper air pressure is always maintained in pneumatic tires. Do not underinflate or overinflate your tires. Low pressure may result in loss of control, and overinflated tires may burst. Failure to always maintain the air pressure rating indicated on pneumatic tires may result in tire and/or wheel failure.



Inflate your tires from a regulated air source with an available pressure gauge. Inflating your tires from an unregulated air source could overinflate them, resulting in a burst tire.

Even tires equipped with built-in, flat-preventative tire liners, like those that come with bikes from Jasion, can and do get flats from punctures, pinches, impact, and other causes. When tire wear becomes evident or a flat tire is discovered, tires and/or tubes must be replaced before operating the bike or injury to operators and/or damage to your bike from Jasion could occur.



When changing a tire or tube, ensure that all air pressure has been removed from the inner tube prior to removing the tire from the rim. Failure to remove all air pressure from the inner tube could result in serious injury.



Using aftermarket tires or inner tubes, not provided by Jasion may void your warranty, create an unsafe riding condition, or damage to your bike. If required by law, ensure replacement aftermarket tires have sufficient reflective sidewall striping.

For more information on tire or tube replacement procedures, or questions about tire inflation, visit jasionbike.com/pages/help-center or contact Jasion Product Support.

Email: support@jasionbike.com

Phone: +1 (888) 825 6366



Troubleshooting

	Symptoms	Possible Causes	Most Common Solutions
1	The bike does not turn on	<ol style="list-style-type: none"> 1. Insufficient battery power 2. Faulty connections 3. Battery not fully seated in tray 4. Brakes are applied 5. Blown discharge fuse 	<ol style="list-style-type: none"> 1. Charge the battery 2. Clean and repair connectors 3. Install battery correctly 4. Disengage brakes 5. Replace discharge fuse
2	Irregular acceleration and/or reduced top speed	<ol style="list-style-type: none"> 1. Insufficient battery power 2. Loose or damaged throttle 3. Misaligned or damaged magnet ring 	<ol style="list-style-type: none"> 1. Charge or replace battery 2. Replace throttle 3. Align or replace magnet ring
3	The motor does not respond when the bike is powered on	<ol style="list-style-type: none"> 1. Loose wiring 2. Loose or damaged throttle 3. Loose or damaged motor plug wire 4. Damaged motor 	<ol style="list-style-type: none"> 1. Repair and or reconnect 2. Tighten or replace 3. Secure or replace 4. Repair or replace
4	Reduced range	<ol style="list-style-type: none"> 1. Low tire pressure 2. Low or faulty battery 3. Battery discharged for long period of time without regular charges, aged, damaged, or unbalanced 4. Brakes rubbing 	<ol style="list-style-type: none"> 1. Adjust tire pressure 2. Check connections or charge battery 3. Balance the battery; contact tech support if range decline persists 4. Adjust the brakes
5	The battery will not charge	<ol style="list-style-type: none"> 1. Charger not well connected 2. Charger damaged 3. Battery damaged 4. Wiring damaged 5. Blown charge fuse 	<ol style="list-style-type: none"> 1. Adjust the connections 2. Replace 3. Replace 4. Repair or replace 5. Replace charge fuse
6	Wheel or motor makes strange noises	<ol style="list-style-type: none"> 1. Loose or damaged wheel spokes or rim 2. Loose or damaged motor wiring 	<ol style="list-style-type: none"> 1. Tighten, repair, or replace 2. Reconnect or replace motor.



Limited Warranty

30 DAY SATISFACTION GUARANTEED RETURN POLICY

Jasion warrants the original purchaser that your Jasion product shall be free from defects in materials and workmanship under normal use for a period aforementioned. Jasion does not warrant the operation of the product will be uninterrupted or error-free.

Only the original owner of an Ebike purchased from Jasion online or physical storefront is covered by this Limited Warranty. The warranty period begins upon your receipt of the Ebike and shall end immediately upon the earlier of the end of the warranty period or any sale or transfer of the Ebike to another person, and under no circumstances shall the Limited Warranty apply to any subsequent owner or other transferee of the Ebike.

The Limited Warranty is expressly limited to the replacement of a defective lithium-ion battery (the "Battery"), frame, forks, stem, handlebar, headset, seat post, saddle, brakes, lights, bottom bracket, crank set, pedals, rims, wheel hub, freewheel, cassette, derailleur, shifter, motor, throttle, controller, wiring harness, LCD display, kickstand, reflectors and hardware (each a "Covered Component").

The Covered Components are warranted to be free of defects in materials and/or workmanship during the warranty period.

Limited Warranty Does Not Cover

Normal wear and tear of any Covered Component.

Consumables or normal wear and tear parts (including but not limited to tires, tubes, brake pads, cables and housing, grips, chain and spokes).

Any damage or defects to Covered Components resulting from failure to follow instructions in the Ebike user manual, acts of God, accident, misuse, neglect, abuse, commercial use, alterations, modification, improper assembly, installation of parts or accessories not originally intended or compatible with the Ebike as sold, operator error, water damage, extreme riding, stunt riding, or improper follow-up maintenance.

For the avoidance of doubt, Jasion will not be liable and/or responsible for any damage, failure or loss caused by any unauthorized service or use of unauthorized parts.

The battery is not warranted from damage resulting from power surges, use of an improper charger, improper maintenance or other such misuse, normal wear or water damage.

Any product sold by Jasion that is not an Ebike.

DETERMINING WHETHER DAMAGE OR DEFECT TO AN EBIKE OR COVERED COMPONENT IS PROTECTED BY THIS LIMITED WARRANTY SHALL BE IN THE SOLE DISCRETION OF JASION.



Contact Us

Contact us if you experience issues relating to riding, maintenance and safety, or errors/faults with your JASION

Tel: 1 (888) 825 6366

Support Email : support@jasionbike.com



Scan the QR code and join our Facebook Group.

Share your riding experience with other rides and get an exclusive bonus!

JASION LTD



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