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OWNER'S MANUAL

E - B I K E

REVOM

OWNER'S MANUAL UPDATES

The following information updates your ebike's Owner's Manual. Please read it carefully. Keep your owner's manual and any other documents that came with your ebike. All content in this update and the manual is subject to change or withdrawal without notice. Visit www.revomebike.com to view and download the latest version. REVOM E-Bike makes every effort to ensure the accuracy of its documentation and assumes no responsibility or liability if any errors or inaccuracies appear within.

WARNING: Incorrect assembly, maintenance, or use of your ebike can cause component or performance failure, loss of control, serious injury, or death. Even if you're an experienced bike rider, you must read and understand the entire manual and any documentation provided for subcomponents or accessories before riding. If you are not sure you have the experience, skills, and tools to correctly perform all assembly steps in the manual and the assembly video at www.revomebike.com, consult a local, certified, reputable bike mechanic.

WARNING: To reduce the risk of injury, close supervision is necessary when the product is used near children.

Guard against rust, water damage, and corrosion

Like any vehicle used outdoors, your ebike needs care to ensure it isn't damaged by the elements. Follow these steps for a long, healthy life for your ebike:

- Store under shelter and in an upright position; avoid leaving the bike in the rain or exposed to corrosive substances such as water, salt, or de-icing substances.
- To clean your ebike, turn the bike and battery off and wipe the frame with a clean, damp cloth. If needed, apply a mild, non corrosive detergent mixture to the damp cloth and wipe the frame. Dry by wiping with a clean, dry cloth. Never use high-pressure water on your bike. Wipe down your bike frequently and wipe or spray all unpainted mechanical parts with anti-rust treatment.
- If painted metal parts become scratched or chipped, use touch up paint or nail polish to prevent rust.
- Never immerse or submerge the bike or any components in water or liquid, which can damage the electrical system.

WARNING: **Damage to your ebike's electrical system caused in any manner, including water intrusion, can lead to battery failure, electrical system malfunction, or electrical fire and consequent property damage, injury, or death**. Follow all recommendations to minimize chance of water damage. If you have any questions, contact REVOM E-bike Product Support.

Additional precautions regarding electrical components

WARNING: Using a damaged battery or charger can create additional bike damage or a fire hazard. Stop using your battery and charger and contact Revom Ebike immediately if any of the following occur: (1) Your charger's flexible power cord or output cable or any of the electrical cables on your bike is frayed, has broken insulation, or any other signs of damage, (2) Your battery or charger is physically damaged, non-functional, or performing abnormally, (3) Your battery or charger experienced a significant impact from a fall or crash, with or without obvious signs of damage, or (4) Your charger becomes too hot to touch (it's designed to get warm with normal use), makes a funny smell, or shows other signs of overheating. Store any damaged battery or charger in a safe location and, as soon as possible, recycle or otherwise dispose of it according to local rules. Contact Revom EBike if you have any questions or to purchase a compatible replacement battery or charger.

How the electrical system works

This ebike is equipped for a rider to use power assistance from the motor to propel the bike forward: a pedal assist system (PAS) . And the shift throttle can be helpful to start with Max speed at 6KM/H.

HOW PEDAL ASSIST WORKS

The rider can engage the pedal assist system (PAS) while pedaling, and it will call up assistance from the motor to help propel the bike forward. Pedal assist uses a cadence sensor built into the drivetrain of the bike. The sensor detects when the rider revolves the pedals and signals the electric motor to provide the level of pedal assistance (PAS 0-5 on most models) that has been selected.

HOW THE THROTTLE WORKS

The throttle is located on the right side of the handlebar. The rider can use it with a shift of the throttle to propel the bike forward without pedaling when speed level is at 1-5.
To engage the throttle while riding, slowly and carefully rotate it toward yourself.
if not needed, please turn off the bike to prevent accidentally engaging the throttle.
Please note that the max speed of throttle is only 6KM/H as per UK safty regulations.

SPEED S1

REVOM E-BIKE OWNER'S MANUAL

Welcome!

Thank you for purchasing the SPEED S1 from REVOM E-BIKE!
We take pride in bringing you a quality product that will offer years of enjoyment. Please read and understand this manual fully before assembling and riding your bike.
If you're not sure you have the skills, experience, and special tools required for assembly and maintenance, get help from a local, certified, and reputable bike shop or mechanic.

We are here to help!

If you have questions after reading this manual and watching the assembly video, please consult the Revom E-Bike Help Center, contact us by email or visit Revom website.
Thanks for riding Revom Bikes!

Revom E-Bike Help Center:https://www.revomebike.com/contact-revomebike
Email: info@revomebike.com

Table of Contents

Using this Manual

This manual contains critical details about how to safely operate and maintain your SPEED S1. Read it carefully and familiarize yourself with your ebike before riding it. Pay special attention to the safety messages shown here.

NOTICE: A "notice" is important information that can help you avoid bike/property damage or extend the life of parts and the bike.

WARNING: A "warning" statement indicates a hazardous situation that, if not avoided, could result in death, serious injury, or property damage.

CAUTION: A "caution" statement indicates a hazardous situation that, if not avoided, could result in minor or moderate injury or property damage.

DANGER: A "danger" statement indicates a hazardous situation that, if not avoided, has a very high risk of death, serious injury, or property damage.

Riding any bike or other vehicle always involves some risk of serious injury or death. Your safety depends on many factors including your bike knowledge, your bike's maintenance, foreseeable riding conditions, etc. There are also factors we cannot control or anticipate in every situation or condition while riding. This manual makes no representations about the safe use of bikes under all conditions. If you have any questions you should contact Revom E-Bike immediately.

Assembly and first adjustment of your bike from Revom E-Bike requires special tools and skills. We recommend that you have this done by a certified, reputable bike shop or mechanic.

Assembly Instruction for the SPEED S1

WARNING: Incorrect assembly, maintenance, or use of your SPEED S1 can cause component or performance failure, loss of control, serious injury, or death. Even if you're an experienced bike rider, **you must read and understand the entire manual and any documentation provided for subcomponents or accessories before riding.** If you are not sure you have the experience, skills, and tools to correctly perform all assembly steps in the manual, consult a local, certified, reputable bike shop or mechanic.

1. Unpack the bike. Open the bike box and, with the help of another person capable of safely lifting a heavy object, remove the SPEED S1 from the Carton, placing it upright on the back wheels and front fork protector plate. Carefully remove the packaging material protecting the bike frame and components, and keep the packaging materials in case you want to ship the trike. Otherwise, recycle these materials, especially cardboard and foam, wherever possible. Carefully place the handlebar on the ground in front of the front fork. Take out the small bag from the Trike carton and carefully set out the contents. Ensure all of the following pieces are included with the SPEED S1:

Box Contents:

1 x Bike with Rear Wheels ,hanelbar and stems attached
1 x Front Wheel
1 x Front fender and mounting hardware
1 x Headlight
1 x Front wheel quick release
2 x Pedals (Left & Right)
1 x Lithium Battery
2 x Battery cover keys (on select models)
1 x Battery Charger
1 x Saddle
1 x Assembly Tool Kit Bag

If anything is missing, please contact Revom E-Bike.

We also recommend the following (not included) for assembly and maintenance:

- A strong friend
- Flat-side cutters
- 15 mm pedal wrench
- Bicycle grease
- Clean shop towel or paper towel for cleaning excess grease
- Bike pump with Schrader valve and pressure gauge
- Torque wrench (3 Nm-60 Nm) with Allen bits

What you can see when you open the box!

2. Assemble the Bike: Handlebars

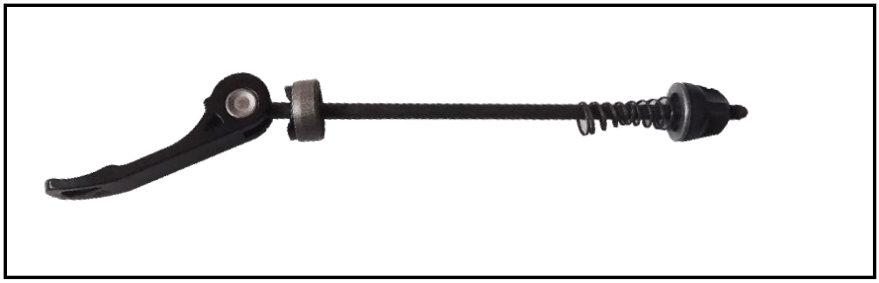
1. Place the stem onto the steerer tube, and once the stem is in the correct position, tighten these four bolts by using the 6mm Allen key provided. **Please be careful not to overtighten the bolts** using the 4mm Allen key provided**.**

2. You then need to align the handlebars with the front wheel. Once you are happy with the handlebar position please tighten the 2 bolts using the 4mm & 5mm Allen key provided. **Please be careful not to overtighten the bolts.**

3. Assemble the Bike: Front Wheel

Find the front wheel quick release pin in the tool bag, place the front wheel onto the fork. **Make sure the brake disc is properly inserted into the brake calliper.**

Fit the quick release pin through the middle of the wheel, tighten the nut and hold the lever in an upright position as shown in the picture below. Once tight push the lever in to secure the wheel.



4. Assemble the Bike: Mudguards and front light

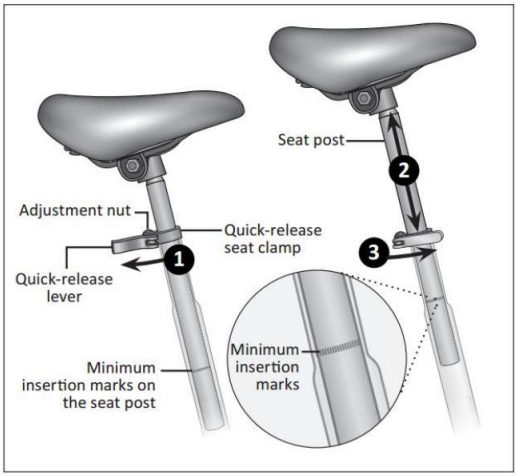
Remove the bolt from the front of the fork and place the mudguard and front light in front of the fitting. Then reinsert the bolt and secure the mudguard in place using the 5mm Allen key provided. Remove the screws at the bottom of the fork and screw the fender rods into the fork.

5. Assemble the Bike: Seat Installation

- Screw the seat onto the seat post.
- Slide the saddle post into the seat tube.
- Align the seat with the frame to make sure it is straight.
- The height of the seat should not be higher than the safety line marks on the seat post.
- Tighten the seat clamping lever.

DANGER:

A loose seat clamp or seat adjustment bolt can cause loss of control, bike/property damage, serious injury, or death. Regularly check to make sure that the seat adjustment bolt is properly tightened and the clamp is secure on the seat rails.



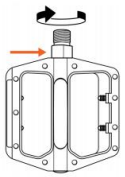
6. Assemble the Bike: Pedals

Each of the 2 pedals is marked on the bottom to identify right (R) and left (L).

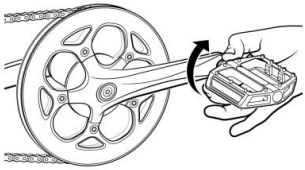
To connect the pedals to the e-bike, place the left pedal into the left pedal arm and the right pedal into the right pedal arm (left and right directions are determined by sitting on the e-bike). Tighten each pedal using a pedal wrench to avoid damage caused by wider wrenches.

Make sure you check the pedals are tight and secure before riding.

Right pedal installation

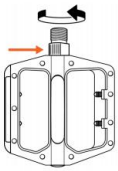


Right pedal with smooth pedal axle.

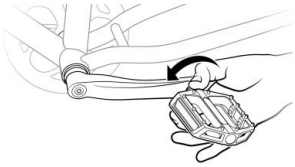


Thread the right pedal onto the right crank gently by hand, turning clockwise.

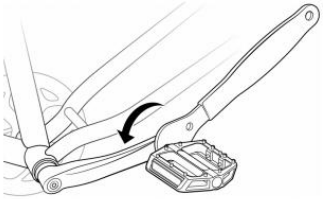
Left pedal installation



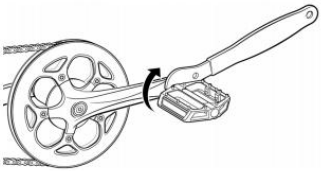
Left pedal with notches on the pedal axle.



Thread the left pedal onto the left crank gently by hand, turning counterclockwise.



Pedal wrench on left pedal



Pedal wrench on right pedal

7. Assemble the Bike: Tire Pressure

- Using a hand pump, fill the tires with air to the rating on the sidewall. We recommend a hand pump to avoid over inflating the tires, which can easily happen when using a high pressure air line at a gas station or automotive tire store.
- The tires are rated for a maximum of pressure of “450 kPa” or “65 PSI”.

CAUTION: The tires have NOT been filled with air to the correct capacity for shipping purposes.

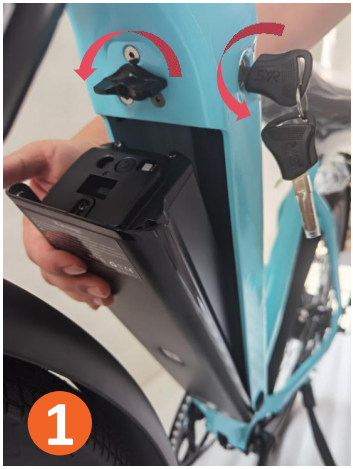
Revom Operation: Battery Removal & Installation, Precautions, Charging, and Storage

WARNING: Fully charge the battery before the first use! Failure to do this can result in decreased battery performance for the life of the bike and void your battery warranty! Do not attempt to open or repair your battery or charger. If you need another battery or charger contact your dealer or Revom Bikes! Do not touch the battery sockets or blades with your hands, any metal object or other material that conducts electricity! Never put the battery or charger in reach of children! Do not use any charger except the one that came with your Revom Bikes!

- The battery should be fully recharged after each use. That way, you'll get the maximum range on your next ride and reduce the chance that you'll over-discharge the battery, which can reduce its lifespan.
- Charging the battery after a ride generally takes 3 to 7 hours. In rare cases, charging may take longer to allow the battery management system to balance the battery, particularly when the bike is new, after long periods of storage, or if the battery has been completely depleted.

Battery Removal & Installation

• Our battery has dual safty protection. One locking device is under the frame tube, the other is the battery key. Please check picture 1 as follows. If you want to take off the battery , please turn the key in counterclockwise direction . Put your right hand at bottom of tube first. Then turn the locking device under the tube in counter clockwise direction , like picture 1 showsThe battery will be poped out and you can hold it by your hand, take the battery out of the tube .
• If you want to put battery back to frame, just put it into frame in right position and then push the battery into frame until you hear "Click " noise, then the first device is locked. At last please turn the battery key in clockwise direction to lock the second device, like the picture 2. Picture 3 shows the right position of the key when battery is locked 100%.



Charging the Battery

The supplied battery is a lithium-ion chemistry. Check to ensure that the charger voltage is correct for your battery. The 48v charger should read “Output 55VDC 2A”. The 36v charger should read “Output 42v2a”. Only use a wall receptacle with a grounded circuit to plug your charger into.

DANGER: Never charge the battery outside in wet weather, as there is a chance of electrical shock.

- Turn the key to “OFF” and remove the key from the battery.
- Locate the charging port on the battery and remove the rubber dust cover.
- Insert the round plug of the charger into the battery charging port.
- Insert the battery charger plug into a 120Volt wall socket receptacle with a grounded circuit. Do not use an extension cord. The light on the charger should illuminate to steady red.
- When the light on the charger changes to a steady green, the battery is charged. Unplug the charger from the wall receptacle and then from the bike battery. Always disconnect the plugs in this order. The charger will become warm during charging so keep the charger away from any flammable materials.

The charger may reach temperatures up to 185°F/85°C during normal charging. Never enclose the charger or put anything on top of it when charging. The charger must be well ventilated. If the charger emits a peculiar smell or the temperature is too high, stop charging immediately. Do not drop or damage the charger.

Avoid any contact with water when charging your battery. If a plug or socket gets wet, dry it completely before using. Always use the charger according to the instructions. Improper use or attempting to open/ repair the charger will void your warranty.

You can charge your battery either when it’s on or off your bike.

Long Term Battery Care

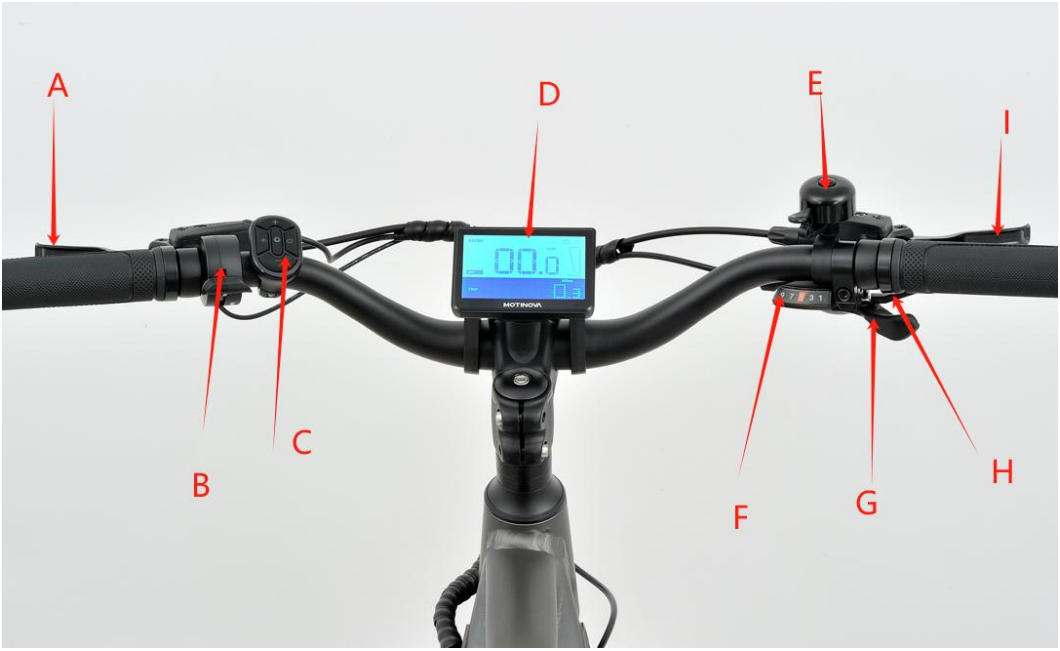
When storing your battery for a long period of time (more than 60 days):
Charge the battery to about 75%, then recharge every 60 days as needed to maintain this level. Allowing your battery to sit for longer than 60 day periods in a discharged state could lead to permanent capacity loss and void your warranty.
• Ideally batteries should be stored between 50°F/10°C to 80°F/27°C. Avoid long periods of freezing and extreme heat, 104°F/40°C or higher.
• Do not leave the battery in direct sunlight for prolonged periods of time.
• Keep the bike in the shade during summer months.
• Store the battery in a clean dry location with low humidity conditions.
• Do not allow the battery to accumulate condensation such as dew, heavy fog or rain, as this could cause shorting.
• Do not clean or wash the battery with pressurized water; wipe with a damp cloth only and towel dry completely.
• Do not connect the battery to the bike in wet conditions.
• Do not submerse the battery in water.

Extending the Life of Your Battery

To help extend the life of the battery, assist the bike as much as possible. A few tips to prolong the battery life during certain conditions are as follows:
• Always turn your battery key “OFF” after each use, as the electrical system will still draw minute power from your battery.
• Charge the battery. If possible, before using 50% of the power.
• When starting from dead stop, use the pedals to bring the bike up to speed.
• When riding uphill or against the wind, pedal to supplement the battery power.
• When the battery meter indicates the voltage is low, switch to the lowest pedal assist mode or 0 to avoid using the battery and shortening the battery life.
• Do not ride your bike in heavy rain storms, thunder showers, or extreme conditions.
• When riding downhill, you must have the Controller “ON”, as the rear hub motor will generate electricity.
• Store your battery in a location with a temperature above 50°F/10°C for best results.

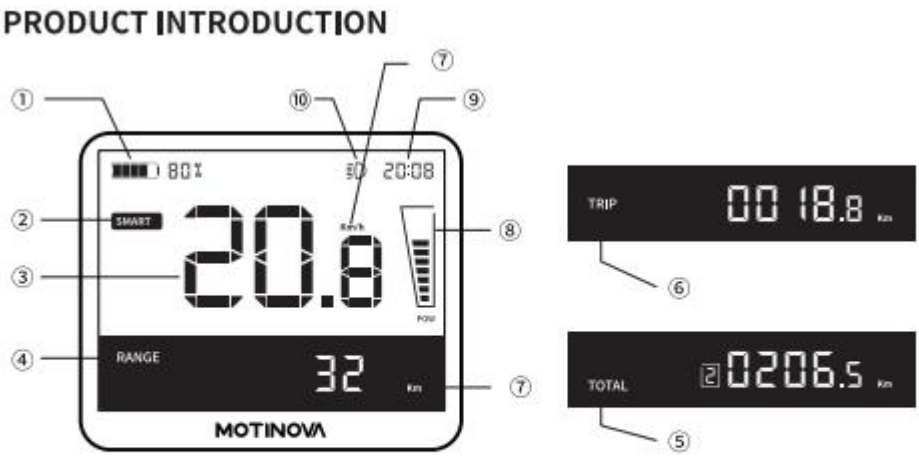
Revom Operation: System and Display

Handlebar features

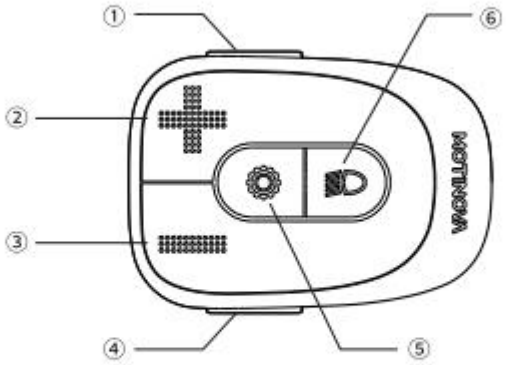


A	Left brake lever (for front brake)
B	Throttle
C	LCD display remotor
D	LCD display
E	Bell
F	Shifter
G	Up-shift button
H	Down-shift lever
I	Right brake lever (for rear brake)

LCD display and electric controls



① Battery capacity ② Power mode ③ Speed ④ Endurance mileage
⑤ Total mileage ⑥ Current mileage ⑦ Unit ⑧ Power level
⑨ Time ⑩ Bicycle light indication



① Power button ② "+" button ③ "-" button ④ Walk assist button
⑤ Setting button ⑥ Bicycle light button

OPERATION

Shift Up the Gear Level

Short pressing the "+" button.

Shift Down the Gear Level

Short pressing the "-" button.

Settings

Long pressing (more than 1.5s) the "Setting" button to enter.

Light On/Off

Short pressing the "Light" button.

Power On

Pressing "Power" button for 1s.

Power Off

Short pressing the "Power" button.

Walk Mode

Under Walk mode, the Walk mode icon displays on the right corner. The system will provide within the power 6 km/h.

1、Click WALK button to enter Walk mode enquiry, the Walk mode icon displays and the "+" sign on the icon flashes.

2、Long pressing "+" button, the "+" icon on the display stop flashing and the system outputs power; when loosing "+" button, the system stops providing power and the "+" icon on the display flashes again.

3、Under Walk mode, if you do not press "+" button at 3s, the motor will exit the Walk mode automatically, and the interface will be restored to the previous Power mode. You can also click any button (excluding "+" button) to exit the Walk mode automatically, and the interface will be restored to the previous Power mode. Under Walk mode, the Power mode will not be displayed.

Shift to show continuable / Current / Total trip

Short pressing the "Setting" key.

ASSIST LEVEL

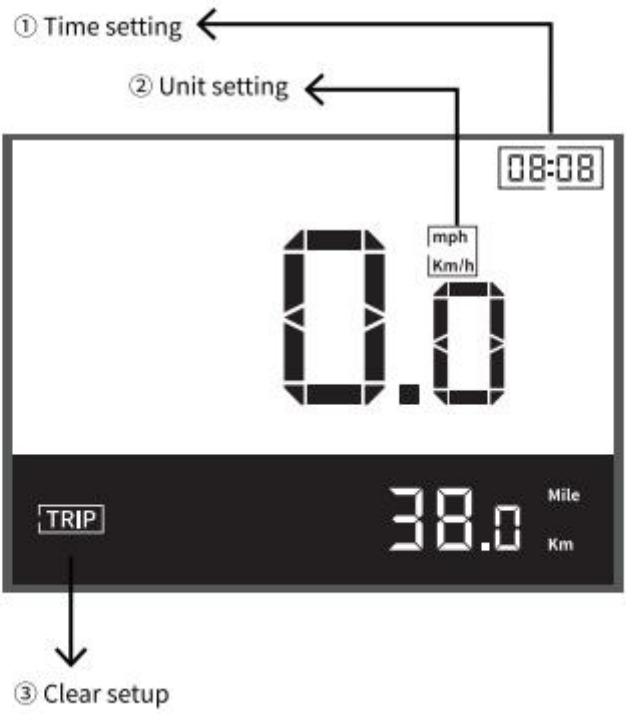
6 Levels

OFF, ECO, NORM, SPORT, TURBO, SMART.

Default Level

Level OFF, without power output.

CYCLE COMPUTER SETTING INSTRUCTION



① Time Setting:

System time can be adjusted. Operations as below:

1. When speed is 0, long pressing "Setting" button for over 1.5s to enter setting interface.
2. After entering setting interface, click "+" button or "-" button to select "hour" or "minute", then pressing "Setting" button to confirm, the value of "hour" or "minute" flashes.
3. Pressing "+" or "-" button to adjust the value, click "Setting" button to save. After the adjustment is completed, short pressing the "Setting" button to save, or long pressing the "Setting" button for over 1.5s to save and exit the settings interface.

② Unit Setting:

Speed and mileage unit can be adjusted. You can choose km or mile in setting. When the speed unit changes, the mileage unit changes accordingly. Operations as below:

1. When the speed is 0, pressing the "Setting" button for over 1.5s to enter the setting interface.
2. After entering the setting interface, pressing the "+" button or "-" button box to select the "unit", and then click the "Setting" button to confirm, the selected unit flashes.
3. Then pressing the "+" button or "-" button to adjust the unit. After the adjustment is completed, short pressing the "Setting" button to save, or long pressing the "Setting" button for over 1.5s to save and exit the settings interface.

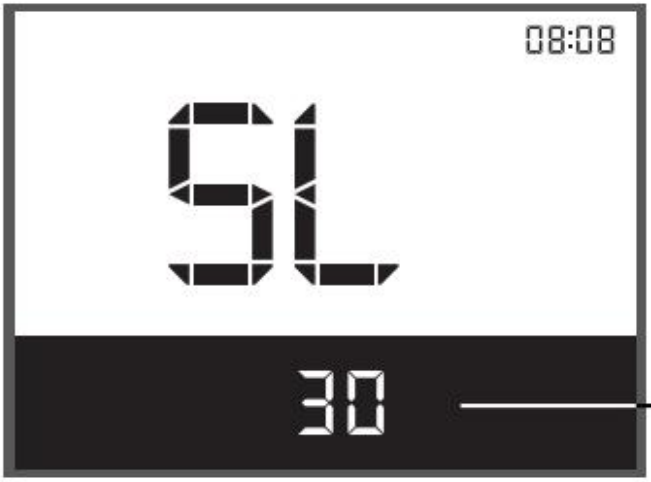
③ Clear Setup:

The subtotal mileage can be cleared, while total mileage cannot be cleared. Operations as below:

1. When the speed is 0, long pressing "Setting" button for over 1.5s to enter the setting interface.
2. After entering the setting interface, click the "+" button or "-" button to select the subtotal mileage, and then click the "Setting" button to confirm, the subtotal mileage value flashes.
3. Then long pressing "-" button for over 1.5s to clear the value (this operation is irrevocable). After the adjustment is completed, short pressing the "Setting" button to save, or long pressing the "Setting" button for over 1.5s to save and exit the setting interface.

④ **Backlight brightness setting:**

After entering the backlight setting interface, click "Setting" button to enter the setting state (at this time, the value will flash continuously), click "+" or "-" button to select the brightness from Level 1 to Level 5, and then click "Setting" button to confirm the setting.



⑤ **Automatic power-off time setting:**

After entering the setting interface of automatic power-off time, click "Settings" button to enter the setting state (at this time, the value will flash continuously), click "+" or "-" button to select from 5min to 30min in a cycle (each 5 minutes is a level), and then click "Settings" to confirm the setting.

ERROR CODE LIST

Code	Source	Fault description	Solution
10	MC	Over Current Protect	Automatic recovery after 5S
11	MC	Under Voltage Protect	Charging for battery
12	MC	Over Voltage Protect	Change the proper battery
13	MC	Rotor Locked	Power off and restart
14	MC	Over Heat Protect	Power off and restart after 30min
15	MC	NTC Fault	Depot repair
16	MC	Speed Sensor Fault	Check or change speed sensor
17	MC	Torque Sensor Fault	Depot repair
18	MC	Motor Fault	Depot repair
19	MC	BMS Check Fault	Change new battery
20	MC	PBU Check Fault	Change the cycle computer button
21	MC	HMI Check Fault	Change the cycle computer
22	MC	PhaseLine Fault	Depot repair
23	MC	Cadence Sensor Fault	Depot repair

24	MC	Gas Sensor Fault	Change throttle
25	MC	MOS Short Circuit	Depot repair
26	MC	Abnormal Voltage Fluctuation	Change the battery
27	MC	Motor Controller Fault	Depot repair
28	MC	Circuit Fault	Depot repair
29	MC	TE MCU Fault	Depot repair
30	MC	TE Circuit Fault	Depot repair
40	BMS	Over Current Alarm (After the failure disappears, HMI delay display 3s)	Stop riding
41	BMS	Charge Over Voltage Alarm	Stop charging or change the charger
42	BMS	Discharge Under Voltage Alarm	Charging in time
43	BMS	Charge Over Current Alarm	Change the charger
44	BMS	Discharge Over Current Alarm	Automatic recovery after 5S
45	BMS	Charge Over Heat Alarm	Stop charging
46	BMS	Charge Low Temperature Alarm	Stop charging
47	BMS	Discharge Over Heat Alarm	Use after shutdown and standing for 30min

48	BMS	Discharge Low Temperature Alarm	Recommend stop using
49	BMS	MOS Over Heat Alarm	Automatic recovery after 5S
60	PBU	"+" Button Fault	Check or change the button
61	PBU	"-" Button Fault	Check or change the button
62	PBU	"Setting" Button Fault	Check or change the button
63	PBU	"Light" Button Fault	Check or change the button
64	PBU	"Walk" Button Fault	Check or change the button
65	PBU	"Power" Button Fault	Check or change the button
66	PBU	MCU Fault	Depot repair
67	PBU	MOS Short Circuit	Depot repair
68	PBU	Voltage Test Fault	Depot repair
69	PBU	HMI Communication Fault	Depot repair
70	PBU	MC Communication Fault	Depot repair
80	HMI	MC Communication Fault	Check circuit or change parts
81	HMI	PBU Communication Fault	Check circuit or change parts

PARAMETER

Material	plastic
Work temperature	-10°C ~ +50°C
Voltage	24 v / 36 v / 48 v
Size	controller:59 x 49 x 44 mm display:82.5 x 21 x 70mm
Adapted handle bar's diameter	controller:ϕ22.2mm display:ϕ22.2mm /ϕ25.4mm / ϕ31.8mm
IP grade	IP55

Revom Operation: Pre-Ride Checklist & Usage

“10 Point” Check List - Before your First Ride and Every Ride After

1. Battery is connected, locked, and charged.
2. Electrical devices, including front and rear safety lighting, are working correctly.
3. All nuts and bolts are tight.
4. The front and rear wheels are secured to the bike frame and cam locks are tight.
5. The tires are filled to the correct pressure, indicated on the tire side wall.
6. The brakes are adjusted and operating correctly.
7. The seat is locked and the seat stem is adjusted to the correct height.
8. Handlebars are tightened firmly.
9. Chain and crank arms run smoothly and are lubricated.
10. The rider is wearing appropriate high visibility reflective clothing, helmet, and eye protection.

Usage

- Wear shoes that grip firmly to the pedals, no bare feet.
- Wear high visibility clothing no loose clothing and dress to be seen.
- Wear an approved bicycle helmet and eye protection.
- Keep your speed levels appropriate to road conditions and speed limits.
- Ride slow on wet or slippery surfaces and brake sooner than anticipated.
- Be alert and highly visible at night or in poor weather conditions.
- Familiarize yourself with usage of the bike and know how to maintain it.
- Be familiar with traffic signs, rules and laws, and be aware of other traffic.
- When possible, ride in bike lanes and in the correct direction of traffic flow.
- Do not ride on the sidewalk and dismount when using pedestrian crossings.
- Keep both hands on the handlebars when riding.
- Keep in mind that other traffic may underestimate the speed of an electric bicycle.
- Ride defensively, keep alert, and have fun!

This is a powerful electric assisted bicycle and special care must be taken when riding. You will be riding faster than you think!

Because the bike can quickly reach high speeds, you need to exercise caution when operating this E-Bike. Even though you may be an experienced bicycle rider, your first ride should be in an area without traffic or other hazards.

We suggest that you ride the bike as a bicycle with no power assist turned on (set “ASSIST” to “0”), to familiarize yourself with the bike’s extra weight. Test the bike’s braking ability to determine your stopping distances. Once you become confident in your riding ability, set the assist level to the lowest setting, Level 1, and begin riding the bike.

Revom Operation: Troubleshooting

SYMPTOM	DIAGNOSIS
Display do not work:	Display has bad connection. Controller is defective. Long press the switch to power on the display.
Display is “ON”, motor will not start:	“ASSIST” is set to 0. Battery level is too low. Brake lever is slightly depressed. Controller is defective.
Throttle failure, Pedal Assist works:	Throttle is defective. Throttle has bad connection. Controller is defective.
Throttle works, Pedal Assist failure:	Pedal Assist connection to controller. Pedal Assist sensor is defective.
When riding, you stop. The throttle will not restart the motor:	Brake lever has not released. Brake lever kill switch is defective. Controller is defective.
Motor has low power:	Check tire pressure Check brake calliper is sticking closed. Check battery is charged.
Head light will not turn on, but Display backlight works:	Wire is loose or disconnected at light. LED’s in head light are defective.
Charger is plugged in, but green or red LED indicator light does not illuminate:	Check the wall receptacle; move to another and retest.
Charger is plugged in, but will only show green light “ON”:	Battery is fully charged. Charger fuse may be burnt.

If the above symptoms do not relate to your malfunction, please call REVOM BIKES or your local E-Bike shop for assistance.

Revom Operation: Care & Maintenance

Transporting an Electric Bicycle

Caution: Make absolutely certain that the bike rack on your car is suitable for the increased weight and the frame style of your Volton E-Bike. A rack that is not suitable for the increased weight can be damaged or even break during the transport. Remove the battery and protect the electronics from inclement weather, your motor and system connections should be protected from the elements. Also remember that most commercial flights will not accept a lithium battery even when installed in the bike.

Maintenance

Squeeze the brakes and rock the bike to check for any looseness with each forward or backward movement.

Look at the headset, brake disc and callipers, wheels, wheel nuts, forks, pedals and crank, and saddle. Check cables for rust kinks and fraying. Squeeze the spokes in adjoining pairs between your thumb and index finger to confirm they have the same tension.

Wheels

Check the wheel nuts are secure and tight by removing the plastic caps and inspecting.

Rims

Spin the wheels and check for side to side wobble and up and down oblongata. The wheels when true will not have more that 1.0mm on each side or up and down. Wheels should only be adjusted by certified mechanics.

Spokes

Check for damaged stainless spokes regularly. Replace broken bent or fatigued stainless spokes with manufacture's suggest spokes only

Tires

Check tires for cuts or punctures and ware. Tire pressure should be adjusted as per the sidewall specifications.

Chain

The chain should run smoothly when clean and lubricated. Lubricate the chain regularly at least every 3 months or after a wet ride

Brakes

Check the brake pads for wear. They are held into the calliper magnetically. Pads can be removed by grasping the pad end tab and lifting the pad clear of the piston pin and then maneuvering it out of the rotor slot in the calliper body. If they have worn to the point where the calliper piston pin-positioning hole goes all the way through then they need to be replaced.

Adjust cables as needed to increase braking power. Check the brake cable tension and adjust by either using the adjusting screws on the brake levers or the adjusting screws at the brake callipers, or retention the cable with the cable adjuster bolt/ nut clamp.

After riding remove any mud or other contamination from the rotor slot in the calliper. Clean the calliper body and rotor slot with brake cleaner and lubricate the brake lever pivot with thick oil or grease. Check to make sure that all bolts are tightened to torque specifications.

Care and Cleaning

Never use a high pressure washer or a garden hose to clean your bike. The force of the water jet could damage the electrical components. We recommend a soft cloth or brush to clean the bike. Use a moist cloth to clean the battery and docking station. Always use very little water and keep water away from the electrical contacts.
Check the plug-in connections for moisture after cleaning and let these dry if necessary before using or charging the bike.

Keys for the Battery

Keep the keys to your E-Bike in a safe place! Each set of keys are unique to your bike only and unfortunately we do not keep a copy of your key on file or have a way of reproducing your exact keys. If you lose your set of keys you may require a locksmith to replace the complete locking mechanisms.

Register your warranty

To register your warranty, go to https://www.revomebike.com/warranty-registerform or scan the QR code below.

To register your warranty, you will need to know your frame serial number and battery serial number. The frame serial number is located on the front of the frame behind your front light. The battery serial number is located on the side of the battery. This is found by removing the battery from the frame. The serial number will normally be 15 digits.
All REVOM bikes are covered under a 2-year limited warranty. Please fill out the warranty form on our website to obtain a 2-year warranty for your Revom E-bike.