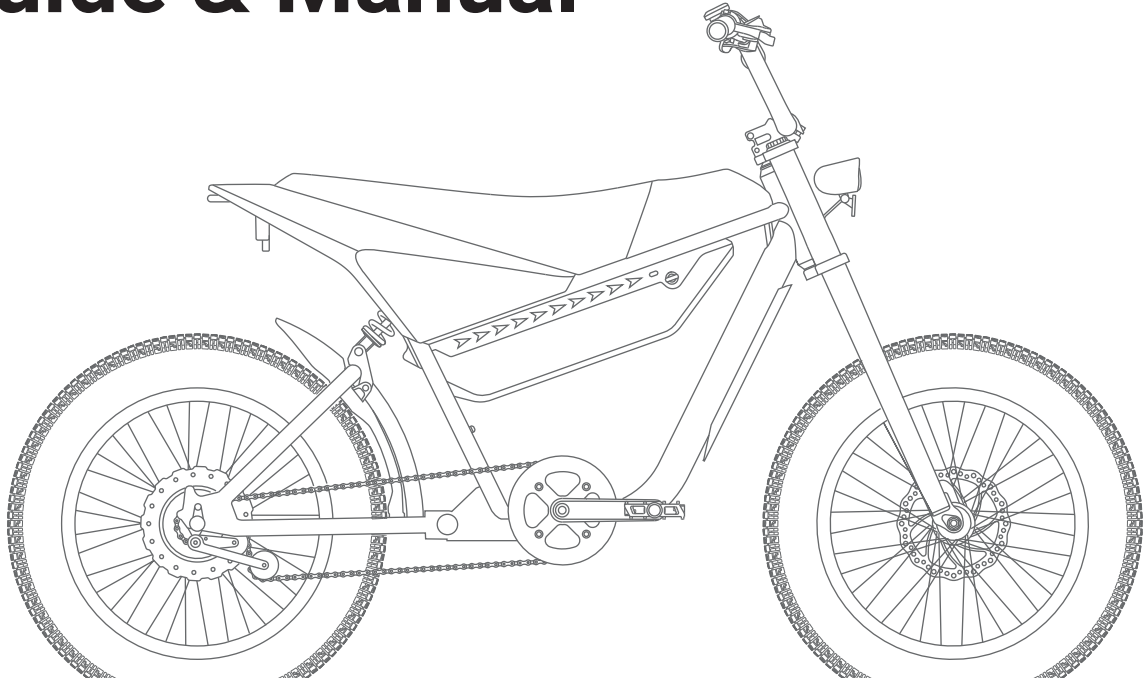


**C5-Sport**

# Guide & Manual






## About Manual

This manual contains details of the product, information on its operation and maintenance, and other helpful tips for owners. Read it carefully and familiarize yourself with the Himiway Bike before using it to ensure safe use, reduce risk of damage and premature wear, and prevent accidents. Be sure to retain this manual as your convenient Himiway Bike information source.

**This manual contains many Warnings and Cautions concerning safe operation, and consequences if proper setup, operation and maintenance guidelines are not followed. All information in this manual should be carefully reviewed.**

 The safety grade color of **"CAUTION"** is orange, and if not avoided, may result in moderate or serious injury.

 The safety grade color of **"WARNING"** is red, and if not avoided will likely result in serious injury or death.

 Users should also pay special attention to information marked in this manual beginning with **"NOTICE"**

Because it is impossible to anticipate every situation or condition which can occur while riding, this manual makes no representations about the safe use of our bicycles under all conditions. There are risks associated with the use of any bicycle which cannot be predicted or avoided, and which are the sole responsibility of the rider. You should keep this manual, along with any other documents that were included with your bicycle, for future reference, however all content in this manual is subject to change or withdrawal without notice. Visit [himiwaybike.com](http://himiwaybike.com) to download the latest version. Assembly and first adjustment of your Himiway Bike requires special tools and skills, and it is recommended that this be performed by a trained bicycle mechanic if possible.

\*The recommended minimum rider age is 16 and over, and the maximum rider age is 70 and under. Any rider who cannot sit comfortably on a e-bike should not attempt to ride it.

## Take down your serial numbers !

Go to page [10](#) to find your serial numbers

Bike frame number

Battery serial number

Motor serial number

## IMPORTANT SAFETY NOTICE - READ THIS MANUAL BEFORE OPERATION

Before operation of your new Himiway e-bike, it is crucial for your safety and per the manufacturer's requirement, that you thoroughly read and understand this instruction manual.

This manual contains vital information on the operation, maintenance, storage and the comprehensive safety procedures for your e-bike. Failure to follow instructions and heed warnings in this manual may lead to serious & life-threatening accidents, including but not limited to falls, collisions, electrical shock, or even fire.

Ensure to consult this manual, familiarize yourself with the features and mechanisms of your particular Himiway e-bike model, and strictly adhere to all safety advice before and during the use of your Himiway e-bike.

For any questions, ambiguities, or further assistance, please contact Himiway customer service. Prioritize your safety and the longevity of your Himiway e-bike - take the time to read this manual in detail.

### Important Safety Notice

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

- a) Read all the instructions before using the product.
- b) To reduce the risk of injury, close supervision is necessary when the product is used near children.
- c) Do not put fingers or hands into the product.
- d) Do not use this product if the flexible power cord or output cable is frayed, has broken insulation, or any other signs of damage.

e) For all equipment, the instructions shall indicate "This equipment is not intended to be used at ambient temperatures less than **45°C (113°F)** or above ambient temperatures of **-10°C (14°F)**." The blanks are to be filled in with the manufacturer's specified ambient temperature ratings.

f) For all equipment, the instructions shall indicate "The battery is intended to be charged when the ambient temperature is between **0°C (32°F)** and **40 °C (104°F)**. Never charge the battery when ambient temperatures are outside this range." The blanks are to be filled in with the manufacturer's specified

### Safety Information

#### Avertissement - Risque d'incendie

**Battery Care and Charging:** Improper use, charging, and maintenance of the bike's Lithium Ion battery can lead to a risk of fire. Never use a charger other than the one provided with your Himiway e-bike. Always charge the battery in a well-ventilated area away from flammable materials.

**Overheating:** Overheating can cause the battery and/or motor to become a fire hazard. Avoid riding your Himiway e-bike in extremely hot conditions. Stop and allow the bike to cool if it shows signs of overheating.

**Modifications:** Making unauthorized changes to the e-bike, including the battery or electronics, can pose a risk of fire. Please refrain from making

#### RISK OF ELECTRIC SHOCK

**Water Exposure:** Exposure to water can damage the electric elements of your e-bike and may lead to electric shock. Avoid riding in deep water or in heavy rain.

**Maintenance & Repairs:** Never attempt to repair, manipulate or remove the battery, motor, or any other electrical component on your own. Always consult a professional or contact Himiway customer service.



## IMPORTANT SAFETY NOTICE - READ THIS MANUAL BEFORE OPERATION

### RISK OF INJURY:

Road Safety: Riding an e-bike, comes with inherent risks. Always adhere to traffic laws, and be aware of your surroundings to avoid collisions and accidents.

Health and Physical Limitations: If you have any health conditions that may be affected by a sudden change in speed or from physical activity, please consult a doctor before use. Those recovering from injury or with mobility issues should take extra caution.

Loading: Overloading the bike surpassing the stated payload limit, especially the Himiway Big Dog and Himiway Rhino, can make the bike unstable and increase the risk of damage and accidents.

**Please thoroughly read and understand this safety information. Using your Himiway e-bike responsibly, adhering to the above warnings and instructions, will allow for a safer, more enjoyable riding experience. Remember, your safety is our primary concern.**

## SAVE THESE INSTRUCTIONS

## The Industry Standard of Long-range E-bike

### ◆ After Bike Assembly

An e-bike that travels more than 60 miles on a paved road at an average speed of 15 mph with a gradient of 0 is called a long-range e-bike.

### ◆ Description of the definition

An e-bike that travels more than 60 miles on a paved road at an average speed of 15 mph with a gradient of 0 is called a long-range e-bike.

- The constant need of recharging e-bikes is the biggest pain point for e-bike enthusiasts, who hope that a single charge can cover a week of travel.
- Their average ride frequency is 5 days a week, with an average mileage of 10.48 miles per ride.
- So the weekly mileage for e-bike enthusiasts is 52.4 miles.
- Combined with some other factors in riding, Himiway believes that an e-bike that can reach 60 miles on a single charge is an authentic long-range e-bike.

## Range Reference Table

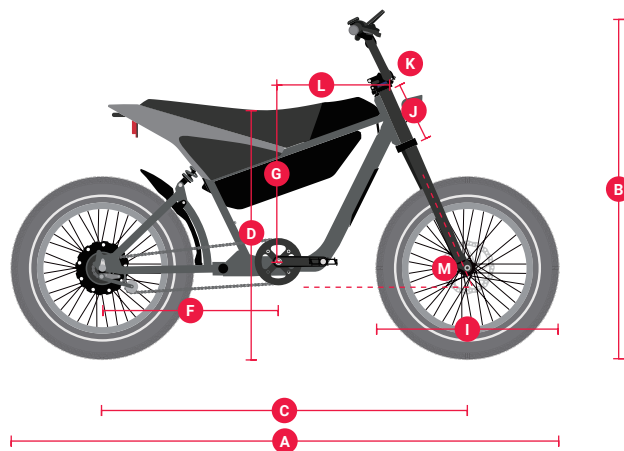
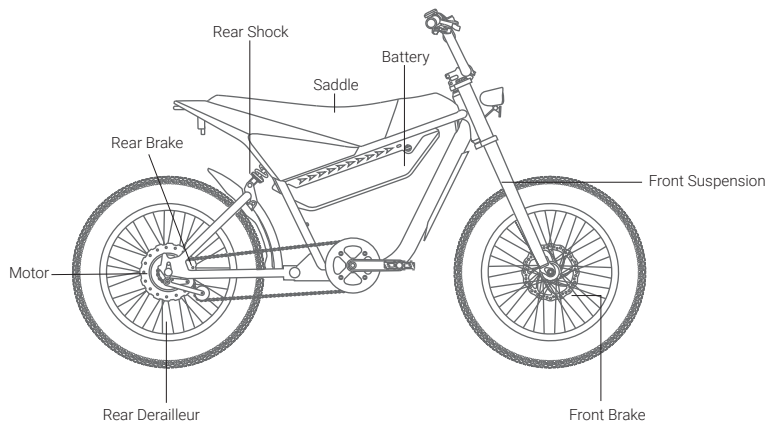
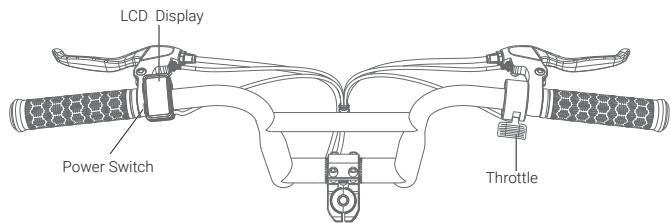
Terrain	Range
Paved Road	112 KM
Dirt Trails	100 KM
Beach	90 KM
Gravel	77 KM
Steep Hill	53 KM

Different Terrain

Speed	Range
10 mph	136 KM
15 mph	122 KM
20 mph	93 KM
25 mph	78 KM
28 mph	64 KM

Different Levels of Speed

# Bike Specification



A - Total Length	179.8 cm	H - Effective top tube	/ cm
B - Handlebar Height	123.9 cm	I - Wheel Diameter	59 cm
C - Wheelbase	119.4 cm	J - Head Tube Length	17 cm
D - Standover height	80.7 cm	K - Handlebar Length	74 cm
E - Seat adjustment height	0 cm	L - Frame Reach	33 cm
F - Chain Stay Length	57.1 cm	M- Head angle	65°
G - Frame stack	81 cm		

## Bike Specification

<b>Battery</b>	48V20AH LG 21700	<b>Pedal Assist</b>	0~5 level pedal assist
<b>Frame</b>	front 6061 alloy rear A356	<b>Drive Unit</b>	48V/250W Rearhub motor
<b>Taillight</b>	Integrated Taillight	<b>Display</b>	LED display
<b>Rotor</b>	180mm	<b>Charger</b>	48V 3A
<b>Brakes</b>	JAK-8	<b>Range</b>	60-80 Miles
<b>Freewheel</b>	16T single speed	<b>Throttle</b>	Thumb throttle
<b>Chain</b>	KMC Z1eHX 120L	<b>Handlebar</b>	JY-AL-SMT2,W680*L211*22.2*31.8*10°
<b>Chainring</b>	38T	<b>Stem</b>	28.6*31.8*40L
<b>Crankset</b>	142MM Alloy crankset	<b>Tires</b>	Innova 20x4.0 IA-2149
<b>Fork</b>	Dual Crown Steel Rigid Fork	<b>Extras</b>	Heavy-duty aluminum kickstand
<b>Headset</b>	H115	<b>Approx Weights in LBS</b>	75 lb.
<b>Frame</b>	front 6061 alloy rear A356	<b>MAX. System weight</b>	330 lb.
<b>Recommended Rider Heights</b>	5'4" ~ 6'3"		

Check Wiring diagram & Color codes:

<https://himiwaybike.com> **»» HELP CENTER »» Tools and Instructions**

# Bike Assembly Guide

## ◆ Preparation Checklist



Headlight



Power cable



Transformer



Pedals



Hex wrench

Extra tools needed: (1)10mm Wrench (2)15mm Wrench

### NOTICE:

1. Please keep the original packaging for at least 15 days!
  2. Before assembling your bike, it's recommended to remove the battery for the reasons outlined below:
    - Determine if there's battery drain or damage during shipping.
    - Reduce the weight of the ebike to make it easier to maneuver the bike while assembling.
    - Avoid battery damage during the assembly process.
- Go to page [\\_11](#) to learn about removing and charging the battery.

\*Follow our Youtube channel [Himiway Bikes](#) to watch bike assembly tutorials!

# Recommended Torque Values

Hardware	Recommended Torque(N.M)
Handlebar *4	12
Stem *2	15
Crank Arm Bolt *2	38-42
Pedal Axle *2	28-33
Rear Derailleur Pivot *1	8-10
Front & Rear Brake Adapter *4	9-10
Front & Rear Disk Bolts *12	8-10

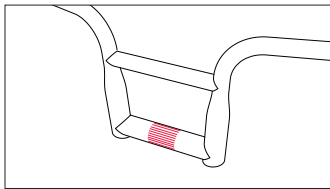
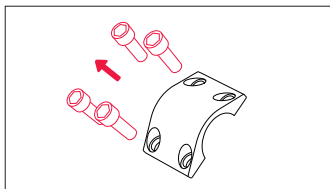
**NOTICE:** Using an impact driver to achieve the required torque is not recommended as it might cause damage. We suggest you use the wrench set we provided and extra tools to manually adjust nuts and bolts.

# Assembly Instructions

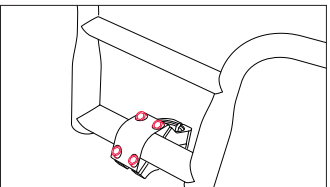
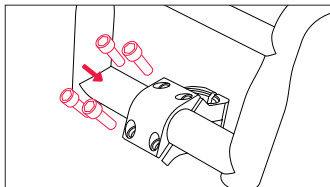
## ◆ Handlebar Installation(4mm Hex Wrench)

**Step 1:** Loosen the bolts on your bike stem.

**Step 2:** Center your handlebars and rotate them to align to the marking pointed to in the below image.



**Step 3:** Tighten bolts to handlebar stem, but don't tighten completely as you may want to further adjust the angle later to align more precisely. Test the positioning, and adjust the handlebar to your preferred angle. After determining the best position, completely tighten all the bolts on the stem.

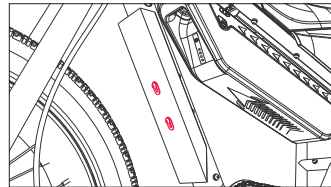
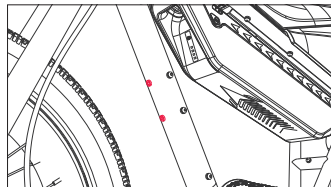


**NOTICE:** In addition to angle, the height of the handlebar can be adjusted by adding or removing the headset spacers if needed. For those without experience, we recommend having a professional make such adjustments for safety reasons.

## ◆ Mudguard installation

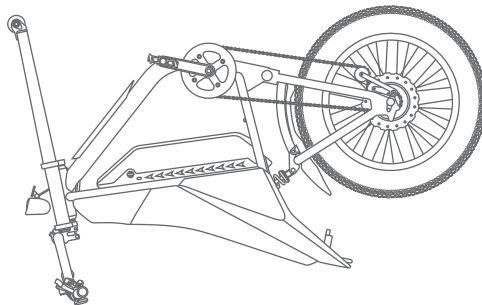
**Step 1:** Align the mudguard holes with the holes at the bottom of the bike frame.

**Step 2:** Insert the screws one by one and tighten them securely.

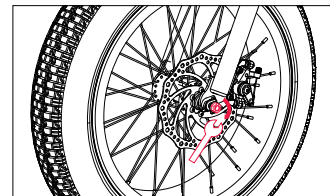
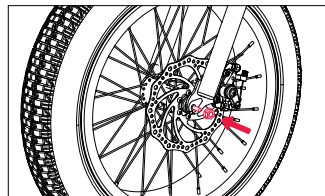
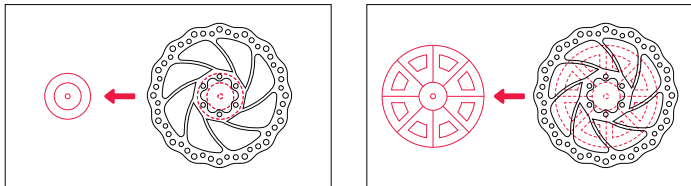


## ◆ Front Wheel Installation

**Step 1:** Lay a mat down to protect both bike and floor from scratches. Next, carefully flip your bike upside down for the front wheel installation.



**Step 2:** Remove the plastic axle guards from the front wheel, being careful to avoid contact with the brake rotor set.



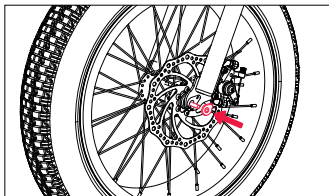
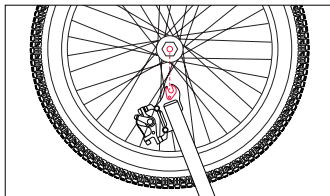
**Step 3: Front Wheel Alignment** - Position the front wheel so that it aligns with the dropouts of the quick-release front fork. The tire should face forward—the direction is usually indicated by an arrow on the sidewall of the tire.

**Step 4: Installing the Wheel** - Lift the front fork slightly and slide the axle of the front wheel into the dropouts of the fork. Make sure the wheel is centered between the forks.

**Step 5: Bolt Tightening** - Start to tighten the bolts on both sides of the wheel axle by hand. Once the bolts are reliably threaded onto the axle, use your spanner or wrench to tighten them further, rotating clockwise. Ensure the wheel is secure but be careful not to over tighten, as it might strain or damage the threads.

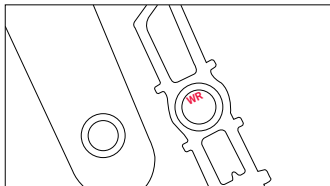
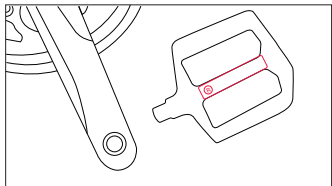
**Step 6: Checking Work** - After tightening, give the wheel a spin to see if it rotates freely without rubbing against the fork or brakes. If the wheel seems skewed or is rubbing, loosen the bolts, realign the wheel and then tighten again.

**Step 7: Final Check** - Test ride the bike carefully, check if the front wheel is functioning correctly, and make any necessary final adjustments.

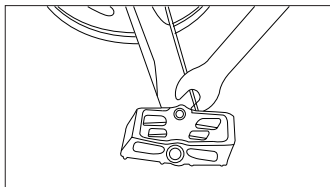
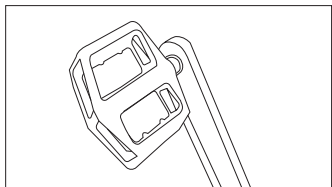


## ◆ Pedals Installation (15mm wrench)

Make sure your pedals are installed on the correct side, as installing on the wrong side will damage the threads. Indicators for the right pedal (R) and the left pedal (L) can be found in two places: the stickers on the plastic cover, and the bottom of the pedal threads.

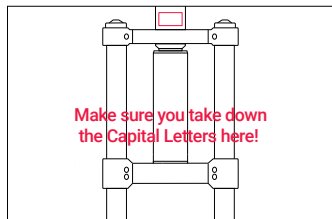


Before you install the pedals, apply a small amount of waterproof grease onto the spindle. Start threading the pedal on by hand to ensure the pedal is going in perfectly straight, rotating in the direction of the pointer shown on the crank. If it is not spinning smoothly, make doubly sure that you have the correct left or right pedal. After initial hand-tightening, finish tightening the pedals with a standard 15mm wrench .

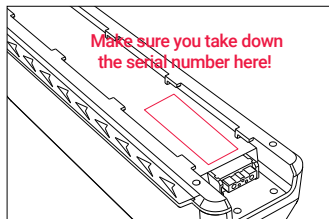


## ◆ After Bike Assembly

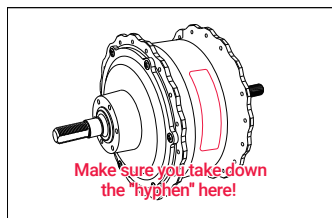
Please write down the serial numbers found on the head tube, battery and motor on the inside front cover of this manual to facilitate failure reporting. Make sure each letter and number is correct.



Bike frame number



Battery serial number



Motor serial number

### NOTICE:

1. Before using your bicycle, find out about all relevant requirements and regulations that apply in your country or state. There may be restrictions on riding on public roads, bike lanes or trails. There may also be requirements for helmets, age restrictions, driver's license requirements or bicycle light regulations.
2. When installing an accessory on your bike, such as a cargo trailer or child trailer, make sure the accessory is compatible and follow the manufacturer's and retailer's instructions.



# OPERATING INSTRUCTIONS

**Warning- Risk of Fire - No User Serviceable Parts**

## ◆ Ebike Charging, Usage, and Storage Guidelines

### Initial Usage and Battery Connection

Before initial use, ensure to fully charge the battery. Connect the charger to an appropriate outlet before attaching it to your Himiway C5 battery. Follow the reverse order when disconnecting: first disconnect the charger from the bike, then from the outlet.

### Ebike and Battery Storage

Do not leave the battery charging unattended for extended periods for its safety and longevity and leave the ebike outside. Always store indoors the battery and the bike separately, both during charging and when not in use.

### Battery Removal and Insertion

#### *Removal*

- Switch off the e-bike power.
- Unlock the battery using the key provided and the battery knobs at the same time.
- Firmly hold the sides of the battery and carefully slide it out.

#### *Insertion*

- Align the battery with its compartment on the bike.
- Press the battery into the compartment until it is fully seated.
- Secure the battery by locking it with the key.

## Ebike and Battery Operating Conditions

Remember that prolonged exposure to UV rays, rain, and the elements can harm the battery and ebike riding system; thus, always store indoors when not in use. For optimum results keep the battery and your ebike:

- In a cool, dry place, away from direct sunlight.
- Safe operating and storage temperature: 0-45°C (32°F-113°F)
- Recommended charging temperature range: 0-40°C (32°F-104°F)

Remember, deviations from these temperature ranges may negatively affect the battery's performance and lifespan.

Note that Himiway C5 bikes operate ideally at elevations up to 2000 meters above sea level. Riding at higher altitudes might considerably impact performance.

## ◆ Modification and Repair Warning

Do not attempt to modify or repair your Himiway Ebike unless such actions are explicitly instructed in this user manual. Unauthorized modifications or repairs could lead to functionality issues, pose safety risks, and may void your warranty. If any concerns or unexpected issues arise, you are always welcome to consult with Himiway's customer service for further guidance before making any adjustments that aren't covered in this manual.

## ◆ Charger Use

Only use the Himiway's recommended charger to charge the eBike. Using non-recommended chargers can lead to inconsistency in charging, reduced battery life, or even potential fire hazards. Ensure the charger model corresponds specifically to your eBike model before initiating charging.

## Safety Checklist

Safety Check	Basic Steps
Brakes	<ul style="list-style-type: none"> <li>o Test front and rear brakes for proper function.</li> <li>o Ensure brake pads are not overworn and are correctly positioned in relation to rims.</li> <li>o Make sure brake control cables are lubricated, correctly adjusted and display no obvious wear.</li> <li>o Check that brake control levers are lubricated and tightly secured to handlebars.</li> </ul>
Wheels and Tires	<ul style="list-style-type: none"> <li>o Inflate tires to within recommended limits displayed on sidewalls.</li> <li>o Check for bulges or signs of excessive wear.</li> <li>o Clean tires to ensure tread is exposed.</li> <li>o Ensure rims run true and have no obvious wobbles or kinks.</li> <li>o Check that all wheel spokes are tight and not broken.</li> <li>o Check the wheel balance in Pedal Only Mode. If you notice the riding is imbalanced or the rotation of the front wheel makes noise, it means the bolts were not completely tightened or not aligned horizontally.</li> </ul>
Chain	<ul style="list-style-type: none"> <li>o Check that chain is oiled, clean and runs smoothly.</li> <li>o Use extra care in wet or dusty conditions.</li> </ul>
Cranks and Pedals	<ul style="list-style-type: none"> <li>o Securely tighten pedals to cranks.</li> <li>o Ensure cranks are securely tightened and are not bent.</li> </ul>
Motor Drive	<ul style="list-style-type: none"> <li>o Ensure the geared hub motor is spinning smoothly and motor bearings are in good working order.</li> <li>o Check that all power cables running to geared hub motor are secured and undamaged.</li> <li>o Make sure geared hub motor axle bolts are secured and all torque arms and torque washers are in place.</li> </ul>
Battery Pack	<ul style="list-style-type: none"> <li>o Ensure battery is charged before use.</li> <li>o Check for any visible damage to battery pack.</li> <li>o Lock battery securely to frame.</li> </ul>

## Safety Precautions

The following safety notes provide additional information on the safe operation of your Himiway bike and should be closely reviewed. Improper operation, or failure to confirm correct installation, compatibility, and maintenance of any component or accessory may result in serious injury or death.

### ◆ Before Riding

- All users must read and understand this manual before first use. Additional manuals for components used on your bicycle may be provided and should also be read before use.
- Ensure you understand all instructions and safety notes/warnings.
- Follow the safety checklist on page 12 before first use and at regular intervals to ensure correct tightening and setup of your bicycle.
- Ensure the bike fits you properly before first use. Check local rules and regulations before riding.
- It is your responsibility to familiarize yourself with the laws and requirements of operation of this product in the area(s) where you ride.
- Pads should be replaced if its friction components become contaminated or have less than 1mm thickness or total thickness.

### ◆ While Riding

- Always wear an approved bicycle helmet whenever using this product and ensure that all helmet manufacturer instructions are used for fit and care of your helmet. Failure to wear a helmet when riding may result in serious injury or death.
- Acceleration can be unexpectedly strong in pedal assist mode (Pedal Assist level 1-5), as when you pedal the motor assist will suddenly engage. Therefore, please pay careful attention when riding. We suggest you use Pedal Only Mode (Pedal Assist level 0) when you need to ride at a slow speed to cross roads, at intersections, or when pedestrian traffic is present, in order to avoid accidents caused by sudden acceleration.
- Make sure you securely close the release lever of the front wheel, checking the wheel balance in Pedal Only Mode. If you notice the riding feels imbalanced, or the rotation of the front wheel makes noise, it likely means the bolts were not completely tightened or didn't align horizontally in the center.
- Off-road riding requires close attention and specific skills, and presents variable conditions and hazards which accompany the conditions.
- Wear appropriate safety gear and do not ride alone in remote areas.

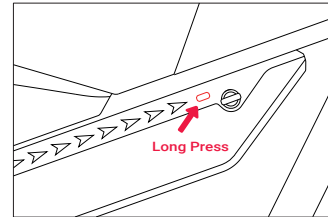
- Shift gears regularly to stay in a optimal cadence range and downshift before coming to a stop. Reduce pedal force before initiating a gear shift to reduce drivetrain wear.
- Always turn the light up while riding at the night and always check all reflectors fixed well on the bicycle.

## Himiway E-Bike Use and Care

The following table of contents provides general guidance on Himiway e-bike variable power assist settings and their effects on both range and performance. This content will apply broadly to most riders, but multiple factors will affect individual results including rider fitness and weight, terrain, proper maintenance, etc. While Himiway hopes and believes you will thoroughly enjoy your e-bike, no guarantees of universal performance characteristics for all owners can be given.

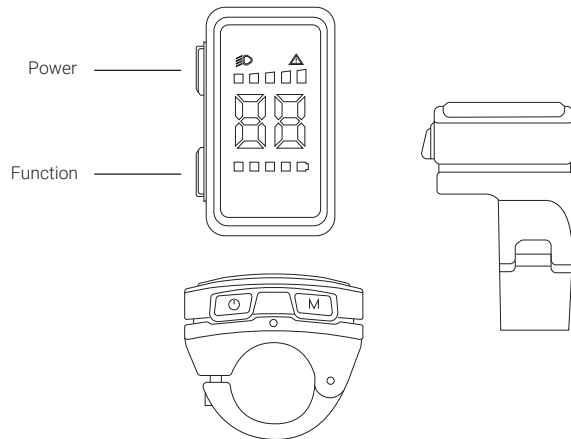
## Battery Light Settings

The raised touch button on the battery case is the switch for the battery case's lights. Press and hold this spot for more than 5 seconds to turn on. Once on, a light touch will change the light mode. Press and hold for more than 5 seconds to turn off.

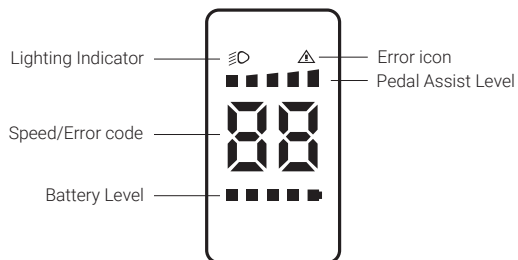


## Basic Display Info

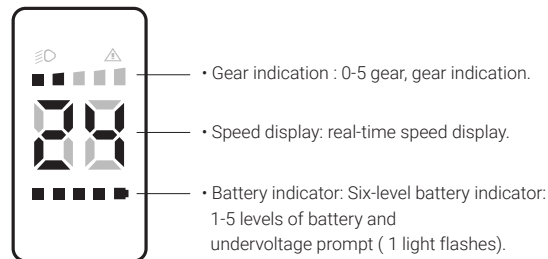
### ◆ Control Panel



### ◆ Display interface



### ◆ Cycling interface



## key definitions

Power on and off: "⏻", Function keys "M", Adjustment key "+": The upper half of the instrument display area (to "⤴" illustrate), Adjustment key "-": The lower half of the instrument display area (to "⤵" illustrate)

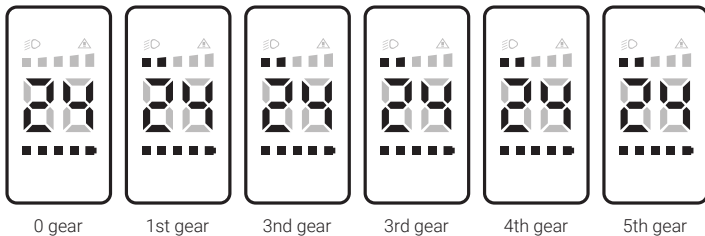
## Function operations

### ◆ Power on/off

( 2 seconds) when the instrument is turned off. "⏻" The instrument will display the full power-on interface, and then enter the basic interface normally and start working. Press and hold the button "⏻" ( 2 seconds) when the instrument is turned on. The meter is off. If the rider does not perform any operations on the meter ( and the speed is 0) for 5 minutes (default), the meter will automatically turn off.

### ◆ Power assist gear switching

Press the key "▲" or "▼" key to switch the power assist gear and change the power assist mode. There are 4 mode states: 0 / low / medium / high level.

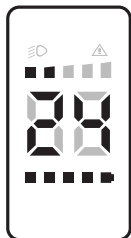


### ◆ Power assist gear switching

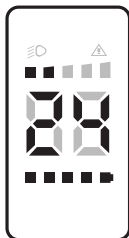
Long press the button "▼", and after 2 seconds, it will enter the power-assisted promotion state. Release "▼" the button to exit the power-assisted state. Promotion model.

### ◆ Headlights on (brightness switching)

Press and hold the button "▼". After 1 second, the headlights will turn on (requires controller support), the headlight icon will light up, and the brightness of the display light will decrease. Press and hold the button "▼" again. After 1 second, the headlights will turn off and the display brightness will recover.



Turn off the lights (high brightness)



Turn on the lights (low brightness)

### ◆ Battery display

When the battery power is normal, the 5-segment battery LCD displays the power according to the time and the outer frame lights up. When the battery is exhausted, all 5-segment LCD of the battery goes out and the outer frame flashes, and it needs to be charged immediately. The battery power is displayed as shown below:

Battery power (C) display correspondence table ( power indication can be adjusted according to needs ).

serial number	On instrument (SOC)	Displayed on the instrument	Voltage ( 48V)
1	$C \leq 5\%$	Battery outer frame flashes	$U \leq 42.9$
2	$5\% < C < 15\%$	One bar of electricity	$42.9 < U < 45.1$
3	$15\% \leq C < 35\%$	Two levels of power	$45.1 \leq U < 46.5$
4	$35\% \leq C < 55\%$	Three levels of power	$46.5 \leq U < 47.5$
5	$55\% \leq C < 75\%$	Four grids of power	$47.5 \leq U < 50.1$
6	$C \geq 75\%$	Five levels of power	$U \geq 50.1$

# Battery Charging

## ◆ Charging Procedure for On-bike Charging

**Step 1:** Check the battery power indicator on your display.

**Step 2:** Assemble the charger as shown in Figure 1 by inserting the plug (Plug 1) into the transformer.

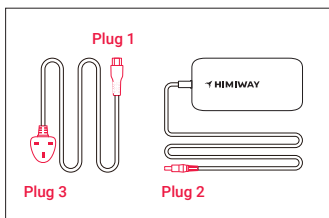


Figure 1

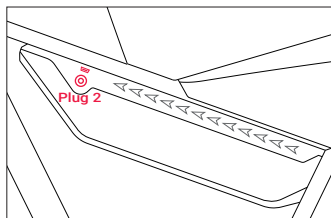


Figure 2

**Step 3:** Remove the rubber cover on the charging socket and insert the DC plug (Plug 2) of the charger into the battery charging socket (fig. 2).

**Step 4:** Connect the power plug (110V-240V plug) to the power socket.

### NOTICE:

1. This order helps extend the battery life and effectively reduces battery damage caused by improper charging.
2. The USB port located above Plug 2 of the battery can be used to charge other devices.

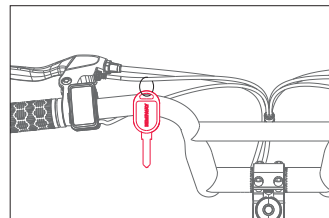


Figure 3

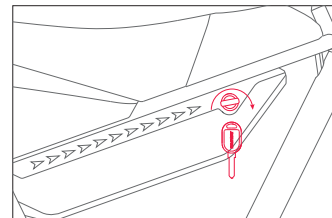


Figure 4

**NOTICE:** Please keep your key and its spare in a safe place. Once lost, they are difficult to copy. The key number correlates to the number on the keyhole (fig. 4). If you have lost the keys, you can give us the key number to get new keys.

**Step 2:** Ensure the key is rotated to a 90-degree position and held there; then, push the battery towards the right side as shown in (fig.5). Once the battery has shifted, remove it by pulling it downwards (fig.6).

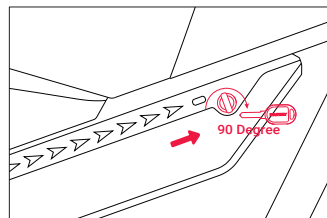


Figure 5

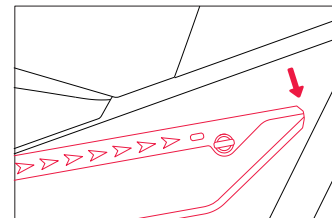


Figure 6

**Step 3:** Check the battery status (fig. 8):

Light Status	Charging Status
Red (on charger)	Charging
Green (on charger)	Fully charged
Yellow (on battery)	40%-60% power
Red (on battery)	<40% power

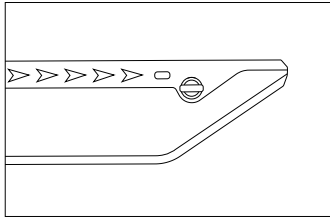


Figure 7

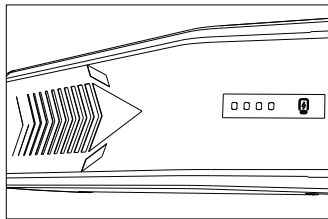


Figure 8

**NOTICE:** Please write down the serial number found on the battery beneath the barcode (fig. 7) on the inside front cover of this manual to facilitate failure reporting. Products that have the serial number and/or barcode removed, defaced, damaged, altered, or made illegible will not be covered by the warranty.

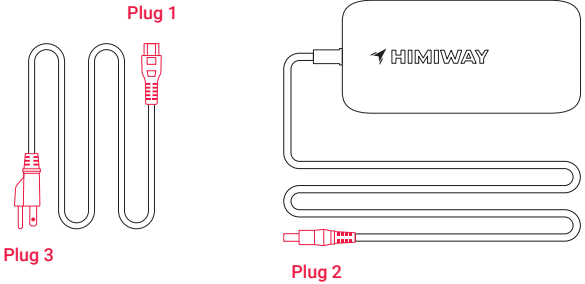
**Step 4:** Safest way to charge your battery-

First, assemble the charger by inserting the plug (Plug 1) into the transformer. Then insert the DC plug (Plug 2) into the battery charging socket.

Last, insert the power plug (Plug 3: 110V-240V plug) to the power socket. This order helps extend the battery life and effectively reduces battery damage caused by improper charging.

The charger works on 110V-240V 60 Hz standard home AC power outlets. Do not open the charger to select voltage input as the charger can automatically detect and account for incoming voltage.

Project	Unit	Minimum	Max
Battery Input Voltage	V	28	55
Standby current	mA		0.1



## ◆ After Charging

1. Please unplug the main power supply first by removing the plug from the power socket, then remove the DC port from the battery. You can then check the battery status on the display screen
2. Hold the battery with one hand and turn the release switch with the other hand to install the battery. Lock the battery when finished to prevent theft.

### NOTICE:

If your battery displays abnormal charging behavior, such as:

- Longer-than-expected charge time
- Strange smell, smoke, or liquid emanating from battery and/or charger
- Overheating battery and/or charger

Please stop charging and contact Himiway Bike immediately.

## ◆ Charging Tips

- The battery can be recharged on or off the bike.
- A new battery may take longer to be fully charged when depleted.
- The charger will automatically stop charging once the battery pack is fully charged.
- You can recharge the battery after short rides as it does not have a memory effect.

## ◆ Precautions

- While charging, please keep your battery away from direct sunlight, liquid, dirt or debris, and metal objects. Do not allow the battery to be charged in environments under 14° Fahrenheit (-10° Celsius) and over 104° Fahrenheit (40° Celsius).
- Do not cover the charger when charging.
- Keep the battery away from children while charging.
- Make sure to only use an approved Himiway Bike charger purchased directly from Himiway Bike for your specific bike serial number.

## ◆ Before Riding

Ensure that the battery has been properly secured to the bike before each use by grasping the battery pack and pulling upwards, testing the security of the pack.

## ◆ Battery Maintenance (48V 20AH Samsung/LG Lithium-ion battery)

- Do not fully drain your battery. Turn off the power when the battery charge is low.
- Fully charge the battery after each use, no matter how much power is used. This will prolong the battery life. If battery power is not used for a long time, store the battery with a full charge and charge it once a month.
- The Himiway Bike can be safely ridden in light rain. However, riding through very heavy downpours or through flooded streets is not recommended, as the crank and/or motor can get wet, which may cause damage.
- Keep the battery away from open flame and other high-temperature heat sources. Do not expose the battery to direct sunlight or recharge immediately after use in high-temperature weather.

**NOTICE:** It is not recommended to make any modifications to the battery or the motor. If the battery is tampered with, and there are any problems with the altered battery or motor, it will not be covered under Himiway's warranty.

## ◆ Charger Care information

Please refer to the instruction manual in the charger box.



# Riding Modes

## ◆ Pedal-assist

Pedal-Assist is an operating mode on e-bikes designed to engage the motor to assist, but not replace, your own pedaling effort. When you are operating your bike in the pedal assist mode, you can adjust the setting according to your preference. Himiway has five pedal assist settings - ranging from 1 to 5.

- Higher pedal settings (L4/5) would be most helpful for those who want to ride faster with minimum effort. These settings are perfect for people who want to arrive fresh and timely at work, without being sweaty and exhausted.
- Lower pedal settings (L1/2) are popular for Himiway riders to use after work, or when leisurely exercise is preferred. These are best to use on the way home from work, to refresh yourself and relieve stress accumulated throughout the entire workday. Moreover, lower settings can extend usable range for longer rides, maximizing enjoyment while minimizing physical stress and fatigue.

## ◆ Throttle-only

The throttle mode is similar to how a motorcycle or scooter operates, alleviating the need to pedal or providing an additional boost simply by twisting the throttle. Himiway Ebike can reach speeds of up to 25 miles/h with throttle mode, which not only allows you to travel faster, but also reassures riders with extra power whenever needed, depending on traffic conditions and rider energy levels. If you are an adventurer who chases after speed and distance without compromising comfort or safety, the throttle-assisted Himiway would be your perfect companion.

## ◆ Pedal-only

In this mode, the Himiway will perform like a normal bike, as you'll be riding without any assistance from the motor. This mode is especially useful if you run out of battery, or are looking for more intensive resistance training.

We suggest that you select a lower assistance level when you first ride your Himiway Bike. After becoming more comfortable with the riding characteristics of our e-bike, and more familiar with the varying range requirements of your most common destinations and commuting routes, you can then make any needed adjustments to pedal assist settings, as well as throttle use frequency, riding position, etc.

**NOTICE:** Shift gears regularly for optimal cadence and downshift before stopping the bike. Before shifting gears, reduce the force of your pedal strokes to avoid premature wear.

## Riding Limitations

Following are some limitations needing riders' careful attention to ensure the geared hub motor does not overheat or become damaged from excessive loading:

- Do not attempt to ride up hills steeper than 15% grade.
- Use the pedals to assist the motor when climbing hills and accelerating from a stop.
- Avoid sudden starts and stops.
- Generally accelerate at a moderate pace, rather than aggressively.

## MOVING AND STORAGE INSTRUCTIONS

Follow these basic parking, storage, and transport tips to ensure your bike is well cared for, both on and off the road:

- When walking with the bike, turn off the power to avoid accidental acceleration, or use Walk Mode .
- Though our bikes are water resistant (IPX4 Water Resistance), please do not park your bike outdoors in cold or inclement weather for extended periods.
- When parking, switch the power and any lights off to conserve battery, remove the key from the bike, and ensure the battery is secured and locked to the frame.
- In public places, help keep your Himiway Bike safe and secure from theft by always locking it up.
- Make sure to not park, store or transport your Himiway Bike on a rack that is not designed for the size and weight of the bike. When storing or carrying your bike on a rack for transport, remove the battery to reduce the weight and make lifting or loading easier.

If the e-bike will not be used for extended periods, charge the battery to about 50 -60% of its capacity, turn off all systems and disconnect the battery from the bike. This can help in extending the battery's lifespan.

For long-term storage, we recommend storing the e-bike in a cool, dry place with a stable temperature.

## Carrying Loads & Cargo

Total Payload Capacity of Himiway C5: 330 lb.

Weight: 88 lb.

### ◆ Cargo Safe Operation Tips:

The following list provides important tips for the safe operation of the Himiway Ebike when used for carrying cargo:

1. Make sure to load the cargo as low as possible to lower the center of gravity and improve stability.
2. Ensure your loads are properly secured and periodically check that nothing has loosened.
3. Plan your route accordingly when cargo is loaded on the Himiway Ebike, considering hill climbing ability, steering, and braking. Also account for moderately reduced range when carrying extra cargo weight (or an additional passenger).
4. Try to get a feel for the cargo load in a flat and open private area before riding on public roads.
5. Make sure to not use the front brake by itself, with or without cargo. Always apply the rear brake first followed by the front brake. Failure of the front fork or loss of control is possible when the front brake is operated independently, especially at higher speeds.
6. The kickstand is not designed to hold the bike upright with cargo by itself, always manually hold the bike upright when loading or carrying cargo.

**WARNING:** Different materials and components may respond differently to stress and wear. If a component's service life is exceeded, it can suddenly fail and there is a risk of injury. Any form of cracks, scratches or color changes on highly stressed components indicate that the component life has expired and the part should be replaced.

## Safety and Care Instructions

To ensure safe riding conditions and maximize e-bike longevity, you must follow the guidelines outlined below:

- To clean the e-bike, wipe the frame with a damp cloth soaked in a mild, non-abrasive, non-corrosive detergent mixture. Wipe or spray all unpainted parts with anti-rust treatment after being used in coastal areas or areas with salty air or water.
- Never use a pressure washer when cleaning your bike.
- Never immerse the bike or any components in water, as the electrical system may be damaged. If the hub and bottom bracket bearings have been submerged in water, they should be removed and re-greased (this will prevent accelerated bearing deterioration).
- Periodically check wiring and connectors to ensure there is no damage, and the connections are secure.
- Store under shelter, avoiding extended exposure to cold or inclement weather. If exposed to rain or excess moisture, dry your bicycle afterward and apply anti-rust treatment to the chain and any other unpainted steel surfaces.
- Regularly clean and lubricate all moving parts, tighten components and adjust as required.
- Your cables, spokes, and chain will stretch after an initial break in period of 80-160 km, and additionally bolted connections can loosen with time and usage. Therefore, we suggest you contact a certified bicycle mechanic every two months to ensure your bike is safe and problem-free for years of use.
- If the paint has become scratched, or the metal chipped, use touch-up paint to prevent rust (clear nail polish can also be used as a preventative measure).
- Damage from corrosion is not covered under warranty, therefore special care should be given to protect and extend the life of your bike.

# Maintenance

## ◆ Battery Maintenance (48V 20AH Samsung/LG Lithium-ion battery)

1. Don't fully drain your battery. Turn off the power when the battery charge is low.
2. Fully charge the battery after each use, no matter how much power is used. This will prolong the battery life. If the battery is not used for a long time, store the battery with a full charge and charge it once a month.
3. The Himiway Bike can be safely ridden in light rain. However, riding through very heavy downpours or through flooded streets is not recommended, as the crank and/or motor can get wet, which may cause problems.
4. Keep the battery away from open flame or a high-temperature heat source. Do not expose the battery to direct sunlight or recharge immediately after use in high-temperature weather.

## ◆ Motor Maintenance (250W geared hub motor)

1. Please check your motor frequently and tighten any loose screws or nuts, to prevent the vehicle from breaking down due to disconnected wires.
2. The geared hub motors are not waterproof, so avoid riding through water deeper than the lower edge of the geared hub motor to avoid motor failure.

## ◆ Chain Maintenance

1. We recommend cleaning the chain after each ride, especially in rainy and humid environments. Use a dry cloth to wipe the chain and its accessories clean. Use a brush to remove sand and dirt stuck in the chain, along with use warm soapy water if needed. Do not use strong acidic or alkaline cleaning agents (such as rust remover), because these chemicals can damage the chain.
2. Apply lubricating oil after cleaning to avoid rust. First, make sure the chain is dry, and then apply the lubricating oil into the bearings.
3. To prevent unnecessary chain wear, try to maintain a vertical chain position when shifting gears (do not use the smallest gear with the smallest flywheel, or the largest gear with the largest flywheel, etc.).

## ◆ Front Fork Maintenance

1. Always use a clean, oil-free lint-free cloth with plain or soapy water to clean your bike. To prevent water from flowing into the front fork, you can turn the bike upside down. Dry with a lint-free towel after washing. Pay specific attention to the inner tube and the dust seal to reduce wear and prevent thinning of the inner tube, which can lead to significant damage if the aluminum is exposed to air.
2. We recommend using a front fork dust cover to protect the inner tube of your front fork. This prevents dust from entering as well as hard objects from hitting the inner tube.

## ◆ Brake Maintenance

1. Pad replacement:  
The brake pads should be replaced if they have become contaminated or are less than 1mm thick, or if the total thickness of the pad is less than 2.5mm.
2. Before riding:  
Check the pads for wear or contamination.  
Check the hose for cracking, wear or deformation. Replace if necessary.  
Check if the brake system is operating correctly.
3. After riding:  
Check the pads for wear or contamination.  
Check the hose for cracking, wear or deformation. Replace if necessary.  
Check if the brake system is operating correctly.  
**NOTICE:** Do not touch the brake discs after heavy use.
4. At regular intervals:  
Check the oil level in the reservoir.  
Lubricate the brake lever pivot with grease.  
Check to make sure that all the bolts are tightened to the correct torque specifications.
5. Bleed The System  
You should always bleed the system after you have shortened or replaced the hose or have opened the system to the air at any time. Additionally, if the brake action feels spongy, you may improve performance by re-bleeding the system.



**Long Range  
E-bike Expert**