

USER MANUAL



TikTok



Ebike Assemble Videos



Welcome to the ESKUTE riding experience.

V

202

Congratulations on your new ESKUTE e-bike — crafted for performance, comfort, and every journey ahead. Even if you are familiar with bike assembly, we strongly recommend watching the complete installation video before setup to ensure every detail is installed correctly and safely.

Simply scan the QR code below for step-by-step guidance, professional assembly instructions, and important safety information.

Thank you for choosing ESKUTE.

Ride further . Ride smarte



WARRANTY

One-Year Full Warranty



WEBSITE

<https://eu.eskute.com/>



E-MAIL

support.eu@eskute.com

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Major Damage & Accident After-Sales Statement

If the vehicle suffers significant damage due to uncontrollable factors, such as frame breakage or other major accidents, please contact our after-sales team immediately. Our after-sales team will directly arrange a full refund for you. Alternatively, to save you the trouble of disassembling and repackaging the entire vehicle, we only require you to return the battery to process the full refund.

Important Safety Warning: In such cases, DO NOT continue to use the original damaged vehicle. You may dispose of the damaged vehicle at your own discretion. Neither US nor authorized distributors shall be liable for any injuries, damages, or other consequences arising from your continued use of the damaged vehicle.

Meanings of Warnings

This symbol is important. See the word "CAUTION" or "WARNING" which follows it. The word "CAUTION" is before mechanical instructions. If you do not obey these instructions, mechanical damage or failure of a part of the bicycle can occur.

The word "WARNING" is before personal safety instructions. If you do not obey these instructions, injury to the rider or to others can occur.

Riding an e-bike is similar to riding a regular bike but offers a motor that provides assisted power when pedalling.

User Maintenance Instructions

Important Safety Warning

Battery Care

Charge the battery indoors, in a dry location, and at room temperature as often as possible.

Regularly charge the battery when not using the ebike for extended periods.

Do not let the battery fully discharge when not in use for long periods.

Clean the battery with a damp cloth.

Remove the battery before cleaning the bike.

Do not expose the battery to direct water contact while cleaning.

Do not expose the battery to temperatures above 113 °F. Move it to a cooler place if necessary.

Battery Charging Procedure

Charging time: 6-8 hours

Note: The bike motor must be turned off before charging

1. Plug the charger power cord into a standard 120V outlet. The charger light will turn red.
2. Open the flap covering the charging port.
3. Insert the charging cord into the battery receptacle. (The charger light will stay red.) When the charger light turns green the battery has been charged.
4. When charged, first remove the charger power cord from the standard 120V outlet. After charging, first unplug the charger from the wall outlet, then disconnect it from the battery.
5. Close the charging port flap.
6. If the battery was removed for charging, reinsert it into the holder by aligning the bottom first and snapping it into place.
7. Remove the key if it is still in the bike.

Battery Performance Factors

Wind conditions affect range: Tailwinds help you go further, while headwinds reduce range.

Smooth terrain improves efficiency: Riding on paved roads extends battery range.

Proper maintenance, including tire pressure and battery care, will maximize range.

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 0 °C (32 °F) or above ambient temperatures of 40 °C (104 °F).
- ⦿ 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.

Save These Instructions

- ⦿ Always wear a helmet, follow traffic rules, and avoid busy pedestrian areas.
- ⦿ Check tire pressure before riding. Recommended PSI: 35-45.
- ⦿ Do not exceed 15 MPH on downhill or unpaved roads.

- ◎ When using the motor, avoid forceful impacts and keep the rotating shaft lubricated.
- ◎ Do not exceed the maximum weight limit.
- ◎ Park only in designated areas—avoid hallways, evacuation routes, and safety exits.

One-Handed Riding Is Prohibited!

Disclaimer

After riding, store the bike in a dry place away from direct sunlight and rain. Do not store the bike in residential buildings. Regularly inspect the motor, brakes, and screws, and tighten any loose parts. Ensure that the front and rear wheels are properly aligned within the front fork or frame. Inspect tires for scratches, cracks, or excessive wear. Ensure the inner tube and valve are positioned perpendicular to the wheel hub. Replace damaged or excessively worn tires immediately. If a tire is punctured, contact a professional technician for repair or replacement.

Maintenance and care:

For the product model, specifications or related information mentioned in this User Manual, the company reserves the right of modification and final interpretation; the functions of the specific model mentioned in this User Manual are only applicable to that specific model.

The product models, specifications, or related information mentioned in the User Manual may be changed without notice; without prior written permission of the company, the User Manual may not be copied, modified, reproduced, transmitted, or published in any form. Please read the Manual carefully before using the product, and operate in accordance with the Manual, otherwise the company will not be liable for product damage or personal or property damage caused by improper use or error.

Lithium-Ion Battery & charger

Warnings

The following safety hazards may result in serious injury or death to the user of the vehicle:

- ◎ Battery Charger for Indoor use only. Use of a battery or charger other than the supplied rechargeable battery (or lead-acid or lithium suitable replacement) and charger with the vehicle.
- ◎ Using the rechargeable battery and charger for any other product may result in overheating, fire or explosion. Never use the rechargeable battery and charger with another product.
- ◎ Explosive gases are created during charging. Charge the battery in a well ventilated area.
- ◎ Do not charge the battery near heat or flammable materials.
- ◎ All large lithium batteries are a potential fire risk and should be charged in a safe place, preferably in the middle of a garage floor.
- ◎ Never charge a lithium battery unsupervised.
- ◎ Only an adult who has read and understands the safety warnings should handle, charge or recharge of the battery.
- ◎ Contact between the positive and negative terminals may result in fire or explosion. Avoid direct contact between the terminals. Picking up the battery by the wires or charger can cause damage to the battery and may result in a fire. Always pick up the battery by its case or handles.
- ◎ Battery must be handled by adults only. Liquids on the battery may cause fire or electric shock. Always keep all liquids away from the battery and keep the battery dry.

- ⦿ Contact or exposure to battery leakage may cause serious injury. If contact or exposure occurs immediately call your physician. If the chemical is on the skin or in the eyes, flush with cool water for 15 minutes. If the chemical was swallowed, immediately give the person water or milk. Do not give water or milk if the patient is vomiting or has a decreased level of alertness. Do not induce vomiting.
- ⦿ Battery Posts, terminals and related accessories contain lead and lead compounds (acid), chemicals known to cause cancer, reproductive harm and are toxic and corrosive. Never open the battery.
- ⦿ Tampering or modifying the electric circuit system may cause a shock, fire or explosion and permanently damage the system. Exposed wiring and circuitry in the charger may cause electric shock. Always keep the charger housing closed.
- ⦿ Non-rechargeable batteries are not to be recharged.
- ⦿ Batteries are to be inserted with the correct polarity.
- ⦿ The supply terminals are not to be short-circuited.
- ⦿ Batteries are only to be charged by adults.
- ⦿ The battery chargers used with the product are to be regularly examined for damage to the cord, plug enclosure and other parts, and in the event of such damage, they must not be used until the damage has been repaired.

Moving and Storage Instructions

- ⦿ When mounting your e-bike, always apply full front and rear brake lever pressure to keep the unit from moving while mounting and do not put feet on the pedals until you are sitting on the seat.
- ⦿ Your e-bike travels at higher speeds than most riders are used to when pedaling a traditional bike. It is very important that you are aware of your surroundings and obstacles around you and be extra careful when you first start moving. It's important to watch the path surface you are on which can cause tires to slip or flatten.

- ⦿ An electric bike is heavier and requires more time to stop due to weight and faster speeds. Practice starting, riding and stopping in a closed space with no other vehicles and always ride with hands near the brake levers.
- ⦿ Before riding, familiarize yourself with the products operation.
- ⦿ Do not become distracted by the Display. Change Display settings only when stopped.
- ⦿ Never ride at speeds faster than you are comfortable with.
- ⦿ Always start riding with the lowest assist speed.
- ⦿ Avoid riding this product on wet, frozen, oily or unpaved surfaces or under the influence of drugs and/or alcohol. Avoid uneven surfaces, potholes, surface cracks and obstacles.
- ⦿ Avoid riding in rain and wet weather and always store e-bike indoors.
- ⦿ Always obey State and Local Laws when using this product. Serious injury can result from the unsafe operations of this vehicle.
- ⦿ This product is not designed to be jumped. If jumped, even from the curb, the e-bike Frame could break causing serious injury or death. If jumped, the warranty is void.

e-Bike Range:

- ⦿ Higher assist setting will shorten the distance your e-bike can travel.
- ⦿ Always keep tires at proper inflation pressure (shown on side walls).
- ⦿ Heavier riders will shorten riding range.
- ⦿ Hills or rough terrain will shorten riding range.
- ⦿ Starting and stopping effects riding range.
- ⦿ Always fully charge your e-Bike before each ride.

Failure of the rider to obey the following Safety Warnings can result in serious injury or death. Check local laws governing the use of electrical vehicles.

Adult Riders Only.

Do Not Use the Vehicle in an Unsafe Manner or at an Unsafe Speed.

Not intended for jumps -this can damage the product.

CHOKING HAZARD: Small parts, adult assembly required.

Before using this product, fully understand the controls and safety issues.

Riders must demonstrate the capability and skill to handle the vehicle and operate its controls to avoid falls or collisions.

Obey all traffic regulations, signs, and signals.

Before each ride, check that the steering system is correctly adjusted and that all connection components are firmly secured and not broken.

While using the product, keep hands and fingers away from wheels and other moving parts to avoid danger of pinching or entrapment.

Riders should always wear a properly fitted helmet that complies with U.S. Consumer Product Safety Commission (CPSC) Standard 16 CFR 1203 or equivalent standard for your country.

Always wear shoes. Gloves, knee and elbow pads recommended.

Ride on the correct side of the road, in a single file, and in a straight line.

There are additional hazards of using the vehicle in areas other than private grounds.

If possible, avoid riding at night, dusk, dawn and any other time of poor visibility.

IF YOU MUST RIDE AT NIGHT OR AT TIME OF POOR VISIBILITY:

Use a correctly installed headlight and taillight.

Headlights are required by all states for nighttime riding and taillights are required in some states.

Battery-powered lights or flashing safety lights are also recommended.

MAKE YOURSELF MORE VISIBLE TO MOTORISTS.

Reflectors:For your own safety,do not ride the bicycle if the reflectors are incorrectly installed,damaged,or missing.Make sure the front and rear reflectors are vertical.Do not allow the visibility of the reflectors to be blocked by clothing or other articles.Clean the reflectors,as necessary,with soap and a damp cloth. Wear light-colored or reflective clothing,such as a reflective vest and reflective bands for your arms and legs.

Use reflective tape on your helmet.

USE EXTRA CAUTION IN WET WEATHER:

Ride slowly on damp surfaces because the tires will slide more easily. Allow increased braking distance in wet weather.

AVOID HAZARDS TO PREVENT LOSS OF CONTROL OR DAMAGE TO YOUR WHEELS:

Be aware of drain grates,soft road edges,gravel or sand,pot holes or ruts, wet leaves,or uneven paving.

Cross railroad tracks at a right angle to prevent the loss of control.

Do not carry any passengers.

Do not carry any items or attach anything to your bicycle that could hinder your vision,hearing,or control.

Do not ride with both hands off the handlebar.

Do not tow or push the product.

Do not modify the product.

Replace worn or broken parts immediately with original equipment. If anything does not operate properly,discontinue use.

DO NOT TAMPER WITH THE ELECTRICAL SYSTEM:Doing so may create a short,causing the fuse to trip or other damage including fire.

Risk of Fire:Do not bypass fuse.Replace only with original size and type. The supply terminals are not to be short-circuited.

Non-rechargeable batteries are not to be recharged.

Batteries are to be inserted with the correct polarity.

Rechargeable batteries are only to be charged by adults.

The battery chargers used with the product are to be regularly examined for damage to the cord, plug, enclosure and other parts, and in the event of such damage, they must not be used until the damage has been repaired.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Do not use the vehicle in unsafe conditions such as snow, rain, loose dirt, mud, sand or fine gravel. This may result in unexpected action such as tip over and skidding. Using the vehicle in loose dirt, mud, sand, or fine gravel may damage the electronics and gear box inside the vehicle.

Do not overload the vehicle. Do not drive in very hot weather, components may overheat.

Do not allow water or other liquids to come in contact with the battery or other electric components.

Always Wear Your Helmet When Riding This Product

Helmet should sit level on your head and low on your forehead.

Exposed forehead can result in serious injury.

Adjust the strap sliders below the ear on both sides.

Buckle the chin strap. Adjust strap until it is snug.

No more than two fingers should fit between the strap and your chin.

A proper fitting helmet should be comfortable and not rock forward/backward or side to side.

NNEX A – FRENCH TRANSLATIONS

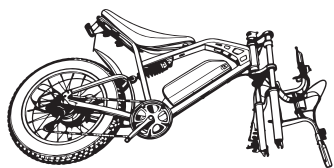
- ◎ Utiliser uniquement le chargeur (HLT-180-5461500)
- ◎ AVERTISSEMENT – Risque d'incendie et de décharge électrique –
Remplacer uniquement avec un fusible de même type et de même valeur nominale.
- ◎ INSTRUCTIONS DE SÉCURITÉ IMPORTANTES CONSERVEZ CES INSTRUCTIONS
- ◎ Sauf indication contraire, le texte de toutes les instructions doit être écrit dans les mots précisés ou équivalents, clairs et compréhensibles.
Le remplacement du mot « DANGER » par « AVERTISSEMENT » est autorisé lorsque le risque associé au vélo électrique est tel qu'il existe une situation qui, si elle n'est pas évitée, peut entraîner la mort ou des blessures graves.
En dehors des mentions
- ◎ « DANGER » et « AVERTISSEMENT », si un conflit particulier existe dans l'application d'un tel libellé à un vélo électrique, un libellé modifié est autorisé.
- ◎ « INSTRUCTIONS POUR RISQUE D'INCENDIE ou DE DÉCHARGE ÉLECTRIQUE »
- ◎ AVERTISSEMENT – Lors de l'utilisation de ce produit, les précautions de base doivent toujours être suivies, notamment :
 - (a) Lisez toutes les instructions avant d'utiliser le produit.
 - (b) Pour réduire le risque de blessure, une surveillance étroite est nécessaire lorsque le produit est utilisé à proximité d'enfants.
 - (c) Ne placez pas vos doigts ou vos mains dans le produit.
 - (d) N'utilisez pas ce produit si le cordon d'alimentation flexible ou le câble de sortie est effiloché, si l'isolation est cassée ou si d'autres signes de détérioration sont présents.

- (e) Pour un chargeur externe fourni avec une ou plusieurs bornes de câblage d'excitation, les instructions d'installation doivent indiquer que l'installation est destinée à utiliser uniquement des fils de cuivre.
- (f) Pour un chargeur externe, lorsqu'un connecteur de borne de pression ou le matériel de fixation n'est pas fourni sur l'unité. Le manuel d'instructions doit indiquer la borne de pression ou les ensembles de bornes des composants à utiliser avec l'unité.
- (g) En se référant à (f) les ensembles de bornes et le manuel d'instructions doivent inclure des informations identifiant la taille du fil et le nom du fabricant, le nom commercial ou tout autre marquage descriptif permettant d'identifier l'organisation responsable du produit.
- (h) Lorsqu'un connecteur de borne de pression fourni sur un chargeur externe, pour un conducteur installé sur le terrain, nécessite l'utilisation d'un outil autre qu'un outil ordinaire pour fixer le conducteur, l'identification de l'outil et toutes les instructions nécessaires à son utilisation doivent être incluses dans les instructions d'installation.
- (i) Le manuel d'utilisation d'une unité dont l'essai anormal est terminé par l'utilisation du circuit de dérivation prévu sur le dispositif de protection contre les surintensités doit comprendre le mot « ATTENTION » et les éléments suivants ou équivalents : « Pour réduire le risque d'incendie, branchez-vous uniquement à un circuit doté d'une protection maximale contre les surintensités du circuit de dérivation ____ ampères conformément au code électrique national ANSI/NFPA 70. » L'espace vide doit être rempli avec l'intensité nominale applicable de la protection contre les surintensités du circuit de dérivation.

(j) Pour tous les équipements, les instructions doivent indiquer
« Cet équipement n'est pas destiné à être utilisé à des températures
ambiantes inférieures à 0 °C (32 °F) ou supérieures à des
températures ambiantes de 40 °C (104 °F) ". Les espaces vides
doivent être remplis avec les valeurs de température ambiante
précisées par le fabricant.

(k) Pour tous les équipements, les instructions doivent indiquer « La
pile doit être chargée lorsque la température ambiante est comprise
entre 0 °C (32 °F) et 40 °C (104 °F). Ne jamais charger la pile
lorsque la température ambiante est en dehors de cette plage. » Les
espaces vides doivent être remplis avec la plage de température
ambiante précisée par le fabricant pour la charge.

What's in Box



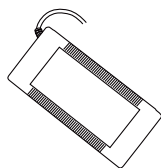
1 * Bike frame with rear wheel



1 * Front Mudguard



2 * Pedal



1 * Charger



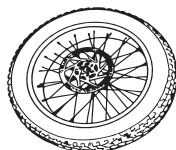
1 * Kickstand



1 * Rear Wing



1 * User Manual



1 * Front Wheel



2 * Rear Footrests



1 * Front Light

Specification

Model	V202
Frame Material	Carbon steel
Battery	48V/20.8Ah
Charger	54.6V 2A
Charging Time	7.5-8.5 Hour Charging
Display	LCD Display
Sensor	Speed Sensor
Suspension	Dual Shock Front Fork (Lockable) + Rear Shock
Shifter	SHIMANO 7 Speed
Rear Derailleur	SHIMANO 7 Speed
Tires	20" x 4.0"
Brakes	Mech. Disc Front & Rear + Cut-off Brake Front & Rear
Item Weight	37 kg / 81.57 lbs

ASSEMBLING YOUR BIKE

NOTE: Before assembling, check that all parts are complete and in good condition. If you have any questions or cannot find the information you need in the manual, please contact at support@eskute.com



After removing the bike from the box, use scissors to cut the zip ties and remove the white plastic protection.

STEP 1. Handlebar Installation

1. Loosen the screws and remove the clamp.
2. Place the handlebar into the mounting slot.
3. Reinstall the clamp and tighten the screws (4 mm hex key).



1. Remove the clamp.



2. Place the handlebar.



3. Reinstall and tighten



(4 mm hex key).

STEP 2. Front Wheel Installation

Turn the two brackets above the front fork forward. Turn the nut to the end of the axle, push the wheel into the front fork until the brake disc fits into the caliper slot. Align the fork slots with the axle, install the safety hook into the fork safety hole, and tighten the nut (15 mm open-end wrench).



1. Loosen nut fully.



2. Insert wheel into fork.



3. Fit disc into caliper.



4. Align axle and safety hook.



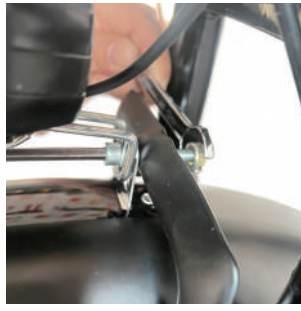
5. Tighten nut

STEP 3. Front Fender and Headlight Installation

1. Insert the front fender into the front fork.
2. Insert the screws through the fender and headlight.
3. Tighten the screws on both sides.
4. Take the two wire connectors and align the arrows.
5. Push firmly to connect.



1. Insert fender into fork.



2. Insert screws through fender and headlight.



3. Tighten screws.



4. Align arrows on connectors.



5. Push to connect.

STEP 4. Install the kickstand

1. Remove the two screws from the kickstand.

2. Align the holes of the kickstand with the frame, then insert and tighten the two screws loosely.

3. Adjust the angle properly, then fully tighten the screws.



1. Remove the two kickstand screws.



2. Align and tighten.

STEP 5. Rear Wing Installation

1. Lift the seat.
2. Align the holes of the rear wing with the seat mounting screws.
3. Tighten the screws.



1. Lift the seat.



2. Align the rear wing and tighten the screws.

STEP 6. pedal Installation

The left and right sides are determined as if you are sitting on the saddle.

1. L = left side, tighten counterclockwise.
2. R = right side, tighten clockwise.
3. Use a 15 mm open-end wrench.



1. Find L/R marking on pedals.



2. L: Turn left to install.



3. Fix with a nut.



2. L: Turn left to install.

STEP 7. Rear Footrest Installation

1. Align the footrest mounting holes with the frame holes.
2. Tighten the screws.



1. Align holes.



2. Tighten screws.

E-BIKE SAFETY & USAGE INSTRUCTIONS

1. Read the User Manual Carefully Before First Use

- ⦿ Familiarize yourself with all components, functions, and safety warnings.
- ⦿ Ensure all bolts and fasteners are securely tightened.

2. Charging Safety

- ⦿ Always use the original charger provided.
- ⦿ Charge in a dry, well-ventilated area. Avoid high humidity or extreme heat.
- ⦿ Do not cover the charger while in use. Keep away from flammable materials.
- ⦿ Avoid fully draining the battery. Over-discharge can shorten battery life.

3. Rain & Night Riding

- ⦿ Roads may be slippery; increase following distance and reduce speed.
- ⦿ Avoid sudden turns or hard braking.
- ⦿ Check tire tread for sufficient grip.
- ⦿ Front and rear lights are required by U.S. law after sunset.
- ⦿ Wear reflective clothing or use additional reflectors to improve visibility.
- ⦿ Avoid riding at high speed in poorly lit areas.

4. Weight & Slope Limitations

- ⦿ Do not exceed the maximum load capacity (refer to the product manual).
- ⦿ Avoid riding uphill with heavy loads for extended periods, as it can affect battery life.

5. Battery Maintenance

- ⦿ Charge the battery regularly; do not leave it fully discharged for long periods.
- ⦿ If not in use for an extended time, recharge at least once a month.
- ⦿ Avoid charging or storing the battery in environments below -10°C or above 45°C.

6. Routine Inspection & Maintenance

- ⦿ Check the brake system, tire pressure, and fasteners regularly.
- ⦿ After riding in the rain, dry the chain and battery connectors to prevent rust.
- ⦿ Contact customer service if you hear unusual noises or notice any malfunctions.

7. Prohibited Actions

- ⦿ Do not ride through water that exceeds the motor or battery level.
- ⦿ Do not use the e-bike for stunts, jumping stairs, or extreme sports.

8. Road & Off-road Safety

- ⦿ Follow U.S. traffic laws; ride on the right side of the lane.
- ⦿ Obey traffic signals, stop signs, and lane markings.
- ⦿ Keep a safe distance from vehicles and pedestrians.
- ⦿ Avoid riding side by side with other cyclists on narrow roads.
- ⦿ Adjust tire pressure and gears according to terrain.
- ⦿ Watch for obstacles such as rocks, potholes, roots, and uneven surfaces.
- ⦿ Maintain a controlled speed; avoid sudden braking or jumps.

BATTERY

Remove the battery

Tip: The battery can be charged on/off your bike. Make sure that your motor system and battery is turned completely off before beginning any charging procedures.

1. Push the key in and turn left to unlock.
2. Hold the battery and push it upward to remove.



1. Insert key, push in, and turn left.



2. Hold and lift the battery to remove.

Install the battery

1. Hold the top of the battery with one hand and support the bottom with the other hand.
2. Align the battery with the bottom slide rail and slide it downward to install.
3. Turn the key to the lock position.



1. Hold the battery with both hands.



2. Slide the battery down to install.



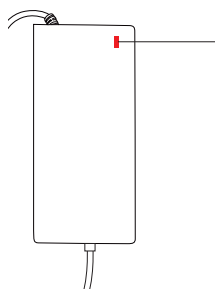
3. Turn the key to lock.

Charge

1. Plug the adapter into the power outlet and the battery charging port. During charging, the indicator light on the adapter turns red. When fully charged, the indicator light turns green.



Connect the adapter to the outlet and battery.



Red Light:

Charging

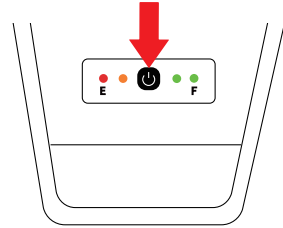
Green Light:

Fully charged

Indicator Light Instructions

1. Press the battery indicator button once. The indicator lights will display for 5 seconds.

- E** — Red light: below 41 V
- Yellow light: 41–45 V
- Green light 1: 45–48 V
- F** — Green light 2: 48–54.6 V



Two power on/off methods

Before powering on, turn on the battery power switch. "1" indicates ON, and "0" indicates OFF.

Method 1: Press and hold the power button for 5 seconds to turn the display on or off.



1. Battery switch ON (1).



2. PHold power button 5 s to on/off.

Method 2: Tap the NFC card on the display for 1 second to power on, and tap it again to power off.



1. Battery switch ON (1).



3. Display shows NFC.

Turn on the light

When powered on, press and hold the  button for 3 seconds to turn on the light. Press and hold for 3 seconds again to turn it off.



Meter Instructions

1.Display Information



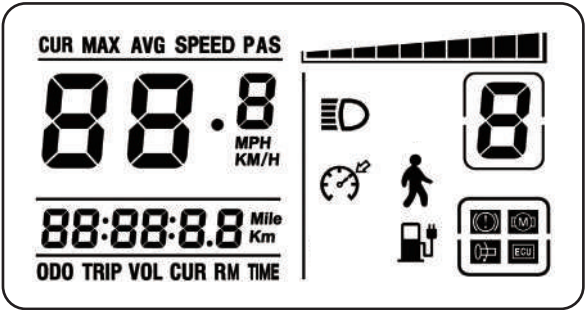
Speed Display, Speed Unit



Numbers represent the values in display mode



Battery Level Indicator



 Brake Indicator	 Throttle Fault	 Throttle Fault	 Motor Fault Indicator
 Trip Meter	 6KM/H Cruise Control	 Walk Assist	 PAS Indicator
 Mileage in miles	 Odometer	 Voltage display	 Mileage in kilometers
 Current Speed	 Maximum Speed	 Average Speed	 MPH/ KM/H
 Pedal Assist System	 Average Speed	 Headlight Indicator	 Remaining Mileage

2.Functional Features

5.1 Headlight signal and gear sent from meter to controller; faults and speed sent from controller to meter.

5.2 Communication Protocol: Shenlong Protocol V2.

5.3 Button Functions:

◎ **"M" Button:** Long press 3s to power ON/OFF. Short press to switch ODO, TRIP, VOL, CUR, TIME.

◎ **"^" / "v" Button:** Short press Up/Down to adjust the gear(+1 / -1).

5.4 Faults: Controller/motor faults sent to meter for display.

3.Password Settings

1. ETo set password:

◎ Press "^" "v" for ~2 seconds → Enter PA0

◎ Press "M" again → Enter P51

◎ Use M to switch digit position.Short press Up/Down to adjust the digit (+1 / -1).

◎ Default Password: 0000

◎ Setting Access Password: 1314

NFC Brief Instructions

1. Sound Prompts

- ◎ Two short beeps ("beep beep"): Indicates Power Off
- ◎ Two short beeps ("beep beep") followed by one long beep ("beep~"): Indicates Power On
- ◎ Single beep ("beep") has two meanings:
 - In Add Sub-Card Mode: Indicates the sub-card was added successfully
 - In Menu P16, after holding the "-" button: Indicates Factory Reset completed
- ◎ Note: This will reset total mileage, wheel diameter, and all NFC cards. After reset, the first NFC card used will be automatically set as the main power-on/off card.
- ◎ Five short beeps ("beep beep beep beep beep"): Indicates Entering NFC Card Add Mode

2. How to Add NFC Cards

- ◎ Two NFC cards are provided with the product.
- ◎ To power on/off the display, place any NFC card near the top of the screen for 1 second.
- ◎ To enter Add NFC Card Mode: After powering on/off, keep holding the card near the top of the screen for about 6 seconds, until you hear five short beeps and the screen powers on.
- ◎ While the screen is on, place the new NFC card near the display.
- ◎ If you hear one beep, it means the card was successfully added.

Note: You have 18 seconds to add a card after entering the mode. If no card is added within this time, the mode will exit automatically.

- ◎ Up to three NFC cards can be added.
- ◎ After adding one card, the system will automatically exit Add Mode.

To add more cards, repeat the process.

If you try to add a fourth card, the oldest card will be deleted and replaced by the new one.

3. Reset NFC Cards

- ◎ Power on the display, then long press the power button to enter settings.
- ◎ On Page P16, long press the "-" button.

When you hear a single beep, factory reset is complete.
The system will return to the main screen.

- ◎ Place the desired card near the display.

If the system reads the card and powers off, the NFC card has been successfully re-registered.

4. Using NFC Cards (Read Mode)

- ◎ To Power On: Place a registered NFC card near the top of the display. The system will recognize the card and automatically power on.
- ◎ To Power Off: Place a registered NFC card again near the display. The system will recognize the card and automatically power off.

MAINTENANCE INSTRUCTIONS

Brakes

It's important that you learn, and remember, which brake lever controls each brake (front/rear) in order to ensure your safety.

Traditionally, the right brake lever will control the rear brake, while the left brake lever will control the front brake. However, this may vary depending on what country you are in, and can always be adjusted to suit your own preference.

To check which configuration your eBike is set up with, squeeze one brake lever and look to see whether the front or rear brake engages. Now do the same with the other brake lever. Remember this configuration.

While you are testing the brake configuration, make sure that your hands can comfortably reach and squeeze the levers with no issues. If you experience any issues or discomfort operating the brakes, please reach out to us before riding.

Cables (Brakes & Gears):

Lubricate cables periodically to prevent rust.

Replace frayed or damaged cables immediately.

Bearings & Wheels:

Ensure wheel bearings rotate smoothly and wheels spin true.

Check for wobbling or misalignment and correct if necessary.

Lubrication:

Apply lubricant monthly to the chain, bearings, and moving parts.

Avoid over-lubrication to prevent dirt buildup.

Reflectors:

Keep reflectors clean and securely mounted.
Replace broken or loose reflectors.

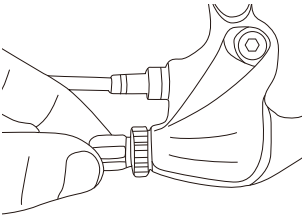
Tires:

Inflate tires to the pressure indicated on the sidewall (PSI).
Inspect tread and sidewalls for wear or damage; replace if needed.

Handlebars & Seat:

Adjust for comfortable height and angle; tighten bolts securely.
Ensure handlebars are aligned with the front wheel.
A slight forward tilt of the seat can improve posture and stability.

Disc Brakes



Test your brake tension by squeezing your brake levers. If they feel too loose, adjust the tension by twisting the barrel adjusters on either side.

Tip: Twist clockwise to decrease tension, and counterclockwise to increase tension.

WARNING!

Riding with worn brake pads, improperly installed brakes, or wheels where you can visibly see the wear from the brake pads, is dangerous and can result in serious injury or death.

Gears

Shift gears under light pedal pressure to avoid damage to the drivetrain.

Uphill: Use low gears for more torque.

Flat roads: Use medium gears for comfortable pedaling.

Downhill or high speed: Use high gears for smoother acceleration.

To check which configuration your eBike is set up with, squeeze one brake lever and look to see whether the front or rear brake engages. Now do the same with the other brake lever. Remember this configuration.



While you are testing the brake configuration, make sure that your hands can comfortably reach and squeeze the levers with no issues. If you experience any issues or discomfort operating the brakes, please reach out to us before riding.

Disc rotors have sharp edges, exercise caution when handling them during maintenance.

Sudden or excessive application of the front brake may pitch the rider over the handlebars.

Tires

Your will come standard with 20" X 4.0" tires. It's important that you understand the appropriate conditions and terrain these tires can handle, in order to ensure safe riding.

Tire Pressure

Size, pressure rating and other information can often be found on the sidewall of the tire. Tire pressure is the most key piece of information for you to remember.



Inflating a tire beyond the maximum pressure can blow the tire off the rim, resulting in damage to the bike and potential injury to the rider.

Using a bike specific tire pump with a built-in pressure gauge is highly recommended. If you do not have access to one, or do not feel comfortable inflating them yourself, please seek professional assistance from your local bike shop.

High tire pressures work best for smooth, dry pavement rides, while low pressures give the best performance on smooth, slick terrain. However, increasing or decreasing tire pressure will have no affect on the terrain that the tire is designed to handle. A road tire at low pressure still cannot handle terrains such as clay or sand.

If you are unsure, reach out to us or your local bike shop to determine the best tire pressure for the kind of riding you will do most often.

Battery Care

It's important to follow these instructions and safety tips in order to preserve the longevity of your battery's life and ensure proper

Fully charge the battery before each ride to make sure it's ready to go the full range. This will help reduce the chance of over-discharging the battery.



If the battery becomes physically damaged, non-functional, has been dropped, or involved in a crash, or you notice it performing abnormally, please discontinue use and contact US BIKE immediately.

Charging Your Battery

It's important to follow these instructions and safety tips in order to preserve the longevity of your battery's life and ensure proper performance.

Fully charge the battery before each ride to make sure it's ready to go the full range. This will help reduce the chance of over-dis charging the battery.

The charger is rated for 100-240V. Be sure to check the charger, charging cables, and battery for damage before beginning each charge.

Charging time takes about 7.5-8.5 hours. On rare occasion, it may take longer to allow the battery to fully charge, particularly when the bike is new or has been stored for long period of time.



Only charge the battery with the supplied original charger, as others may cause damage to the battery or increase the possibility of fire or explosion.

While the charger is designed to automatically stop charging once the battery is full, do not leave it plugged in for periods of time greater than 12 hours.

Make sure your charger avoids contact with liquids, dirt, and debris.

The charger may get hot while in use. However if it gets too hot to touch, or you notice anything such as a strange smell or other indications that it may possibly be overheating, discontinue use immediately and contact US Bike.

- ⦿ Do not cover the charger while in use.
- ⦿ Do not open the charger or alter the voltage input.
- ⦿ If there appears to be any issue with the charger or battery, stop riding and contact us immediately

Balancing Your Battery

When you first receive your bike, it's important that you follow these steps to ensure that your battery cells are properly balanced in order to optimize battery longevity.

1. For the first initial charge upon receiving your bike (or after long storage time), be sure to charge the battery for at least 8 hours before riding.

Note: We recommend that you let the battery charge for at least 8 hours for the first 3 charges to make sure the cells balance properly.

2. After the first 3 rides, you may begin normal charging procedures.

Storing Your Battery

If you plan on storing your bike (or spare battery) for longer than two weeks at a time, please be sure to follow these guidelines in order to maintain the lifespan of your battery.

It is recommended that you do not leave the battery at lower than an 80% charge when storing for long periods of times. If storing for a month or longer, periodically check the battery and be sure to keep the charge up to at least 80%.

Store your battery in a cool, dry area away from water and other elements at a temperature between 50°F – 77 °F (10°C – 25°C).



Failure to follow proper battery care practices can result in unnecessary wear to the components, battery, and/or charger, which could lead to a battery that underperforms, or becomes non-functional. Loss of battery capacity is not covered by warranty.

More Tips

Proper maintenance is essential for your safety and to ensure that you get optimal performance from your eBike. If you are unable

to perform the general maintenance yourself, please reach out to a qualified mechanic.

- ◎ Be sure to frequently inspect and tighten your crank bolts as needed. Crank bolts can loosen on any bike, especially after strenuous use.
- ◎ While you are able to ride in the rain, rust is a bikes worst enemy! Be sure to dry off your ebike after a wet ride.
- ◎ Inspect the bolts on a regular basis to ensure that they are tight and all components are secure.
- ◎ Properly inflate your tires. Under inflated tires are prone to flats and can affect the smoothness of your ride.

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