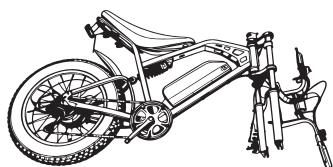


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What's in Box



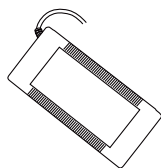
1 * Bike frame with rear wheel



1 * Front Mudguard



2 * Pedal



1 * Charger

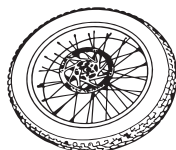


1 * Kickstand



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.



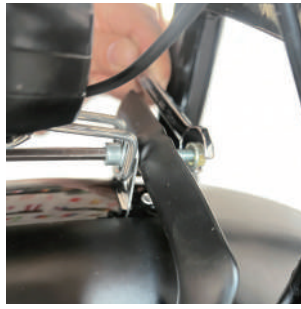
5. Tighten nut

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.



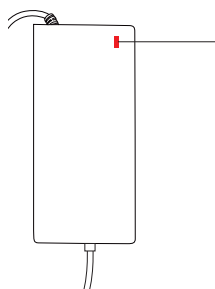
3. Turn the key to lock.

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

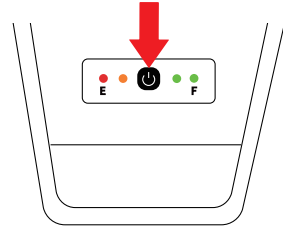
Green Light:

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



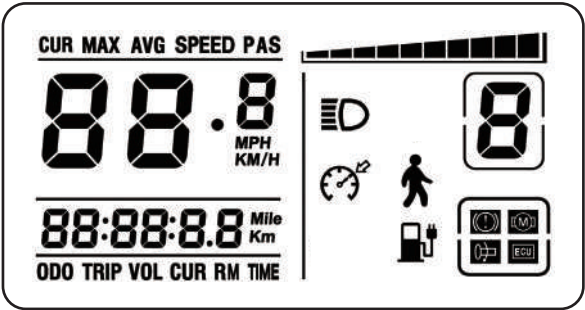
Speed Display, Speed Unit



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.