

IMPORTANT!

We reserve the right to make modifications to e-bike without prior notice.

ELECTRIC BICYCLE V-SN100

USER MANUAL



Changzhou Vtuvia Electric Technology Co., Ltd.

Address: 9-1, Taihu East Road, Xinbei District, Changzhou, China

E-mail: info@vtuvia.com

Tel: +86 519 8109 5767

Web: www.vtuvia.com

⚠ Before riding, please read the product instructions carefully and carefully check the complete components to ensure your safety. If you find a problem, please contact the dealer or the company in time.

VTUVIA
RIDING IS THE SCENERY

Thank you for purchasing VTUVIA Electric Bikes, we are one of the best Ebike companies based on China.

VTUVIA produces High-quality&Considerate Service for every customers, to help them enjoy a good ring.

Before riding, please read the manual carefully, and carefully check the complete components to ensure your safety.

If you find damage on the surface or the corner, or you meet other problems, please contact the dealer or our company in time.

Contact information:

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IMPORTANT!

THIS PRODUCT IS NOT INTENDED FOR OFF-ROADUSE.

YOUR INSURANCE POLICIES MAY NOT PROVIDE COVERAGEFOR ACCIDENTS INVOLVING THE USE.

OF THIS BICYCLE.

TO DETERMINE IF COVERAGE IS PROVIDED, YOU SHOULD CONTACT YOUR INSURANCE COMPANY.

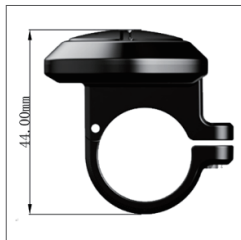
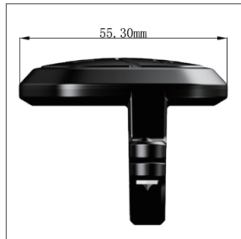
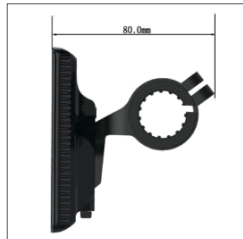
Main Technical Parameters And Specification

Motor:	48V 750W Rear geared brushless
Battery:	48V/13AH Samsung li-ion battery
Controller:	48V 20A Intelligent brushless
PAS:	1:1 intelligent pedal assistant system
Range:	22 miles(electric only), 35miles(pedal assistant)
Charging Time:	AC 100v-240v 1.8amps smart charger,5-6 hours
Rear Derailleur:	Shimano front 1 and rear 7 outer
Max Speed:	23-28MPH
Rear Lever:	Aluminum alloy mechanical disc brake
Tyres:	27.5*4.0 tyre
Frame:	6061 aluminium alloy folding
Front Fork:	suspension fork
Front Brake:	Karasawa disc brake
Rear Brake:	Karasawa disc brake
Frame:	27.5 inch Aluminium alloy
Stud:	Aluminium alloy folding
Display:	LCD
Chain:	KMC
Chain Wheel:	Aluminium alloy crank 44T
Seat Post:	Aluminium alloy
Foot:	Folding foot
Seat Cushion:	VELO
Shelves:	Rear rack
Colour:	Black
Net Weight:	60 lbs
Gross Weight:	65 lbs
Max Load:	365 lbs

LCD Display Instruction

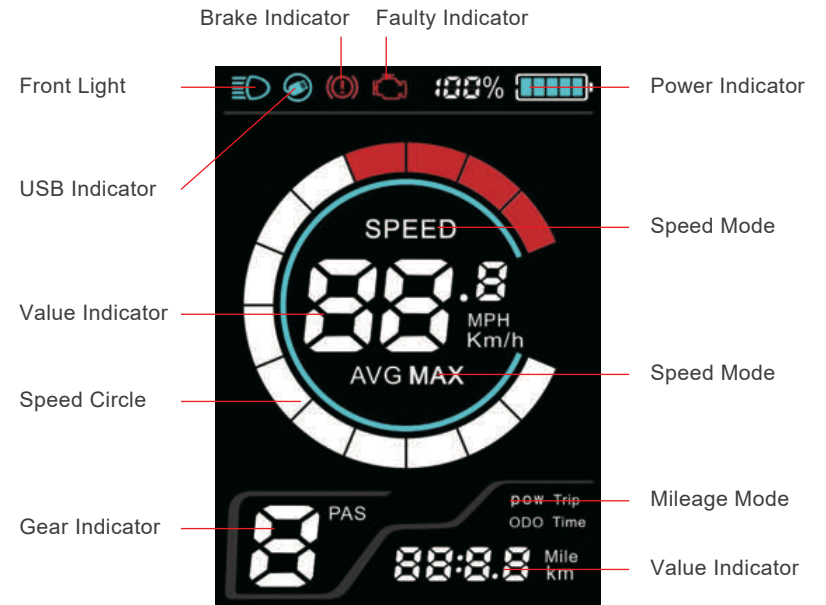
1.Karasawa disc brake

ABS housing, the material for the transparent window is imported high hardness acrylic, the bracket is made of glass fiber and nylon.



LCD Display Instruction

2.Press:




2.1 Brake Indicator

Display  when brake power off.

2.2 Gear indicator

Display the current power-assisted gears 0-9, where 0 is neutral and no power, and 1-9 corresponds to power-assisted gears. Display P when in walk assist mode.

2.3 Faulty Indicator

Display  when a fault is detected.


2.4 Mileage mode

Divided into single mileage "TRIP", accumulated mileage "ODO", riding time "TIME".

2.5 Mileage display

Display mileage information or time information according to the set mode.

2.6 USB display

The interface displays  when the USB charging function is turned on.

LCD Display Instruction

3.Function Description

Button description as follow:



3.1 Power On/Off

Long press(1 second) **Power Button** when the display is off, display, the display is fully displayed and starts to work, the power of the controller is turned on; Long press(1 second) **Power Button** when the display is on, display power off, the power of the controller is turned off. If you ride for 5 minutes (time can be set by the user) without operating the meter, the meter will automatically turn off the power.

3.2 PAS Gear Choose

In the manual shift mode, short press **Plus Button** or **Minus Button** to switch the assist position, change the assist ratio, the lowest 1st, the highest 9th, the default is 1st when the meter is turned on, and 0 is the neutral assist.



0 Gear

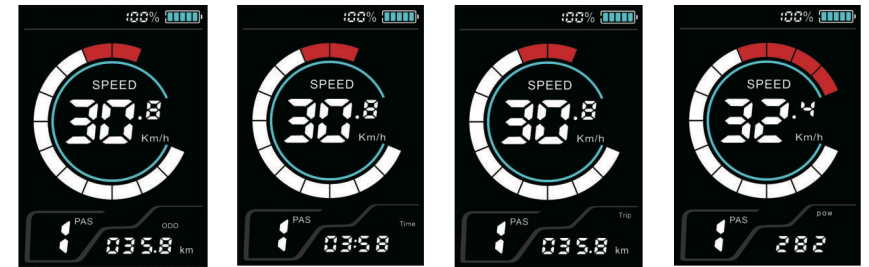
3 Gear

9 Gear

Connection Diagram

3.3 Mileage Mode Switch

When power on, short-press **Power Button** to switch the mileage display mode, and the following information is displayed cyclically: riding time (Time) → accumulated mileage (ODO) → power information (Pow) → single mileage (Trip).



* If there is no key operation for 5 seconds, the meter will automatically return to the single mileage display state.

3.4 Speed Mode Switch

When power on, short press the **Mode Button** to switch the speed display mode, and the following information is displayed cyclically: real time speed (RT SPEED) → average speed (AVG SPEED) → maximum speed (MAX SPEED).



0 Gear3 Gear9 Gear

0 Gear3 Gear9 Gear

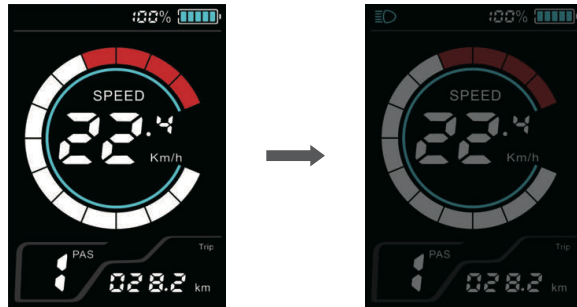
0 Gear3 Gear9 Gear

* If there is no key operation for 5 seconds, the meter will automatically return to the real-time speed display state.

LCD Display Instruction

3.5 Headlight / Backlight Switch

Press and hold **Plus Button** (1 second), the brightness of the meter's backlight decreases, and the lights are turned on (requires controller support). Press and hold **Plus Button** again (1 second), the display backlight will return to its original brightness, and the lights will be turned off at the same time.



Headlight off

Headlight on

* If there is no key operation for 5 seconds, the meter will automatically return to the real-time speed display state.

3.6 Walking Mode(6km walk assist)

Press and hold **Minus Button** (1 second), the electric bike enters the boosting state, the speed displays the real-time speed, and the gear position displays "P". Release **Minus Button** to exit the walking mode.



Walking Mode Off

Walking Mode On

* Some controllers may not support this function

Connection Diagram

3.7 USB Function

Long press **Mode Button** (1 second), the USB function is turned on, the user can use the USB function, and long press **Mode Button** for more than 1 second, the display will close the USB function, and the charging parameter is DC 5V 500mA.



USB ON

USB OFF

3.8 Clear Data

Press **Plus Button** and **Minus Button** simultaneously for 1 second to clear the temporary data. The cleared data includes the maximum speed (MAX SPEED), average speed (AVG SPEED), single mileage (TRIP), and riding time (TIME).

* The above data will not be cleared when the display is turned off or the electric bike is turned off.

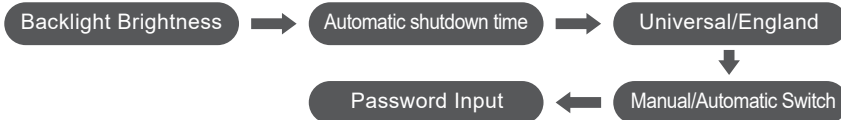
4.MENU Parameter Setting

When power on, press **Mode Button** twice (<0.3 seconds between presses), the system enters the parameter setting state. In this state, the meter parameters can be set. Press **Mode Button** twice again to exit the setting state. (<0.3 seconds between presses). When in setting state, press **Mode Button** to select the desired adjustment item, when the parameter flashes, press **Plus Button** and **Minus Button** to adjust the parameter setting, press **Power Button** to save and switch, and press **Mode Button** twice to exit the setting state (<0.3 seconds between presses).

* In the parameter setting state, if no key operation is performed for 30 seconds, the meter automatically exits the setting state. In the riding state (the speed indication is not 0), you cannot enter the setting interface. If you start cycling in the setting interface (the speed indicator is not 0), you will automatically exit the setting.

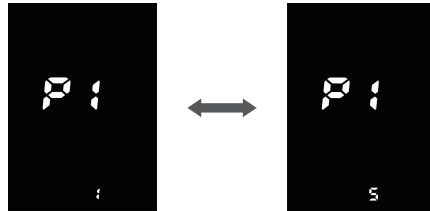
LCD Display Instruction

4.1 The display setting items are as follows



Backlight Brightness:

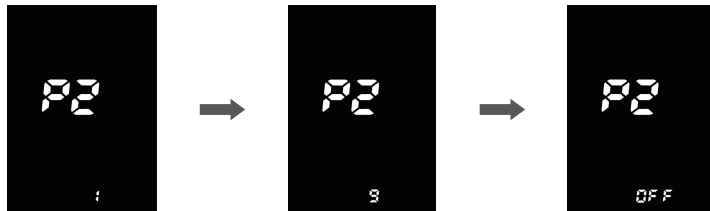
For item P1, press **Plus Button** and **Minus Button** to select the display 1 ~ 5, "1" is the darkest backlight and "5" is the brightest.



Backlight Brightness Adjust Interface

Automatic shutdown time:

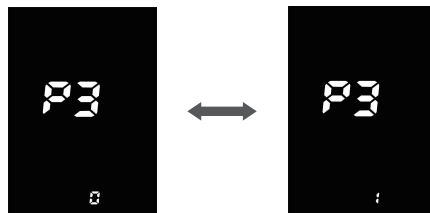
For item P2, press **Plus Button** and **Minus Button** to adjust the position, 1 ~ 9 minutes represents the automatic shutdown time, OFF means cancel the automatic shutdown function.



Automatic Shutdown time Adjust Interface

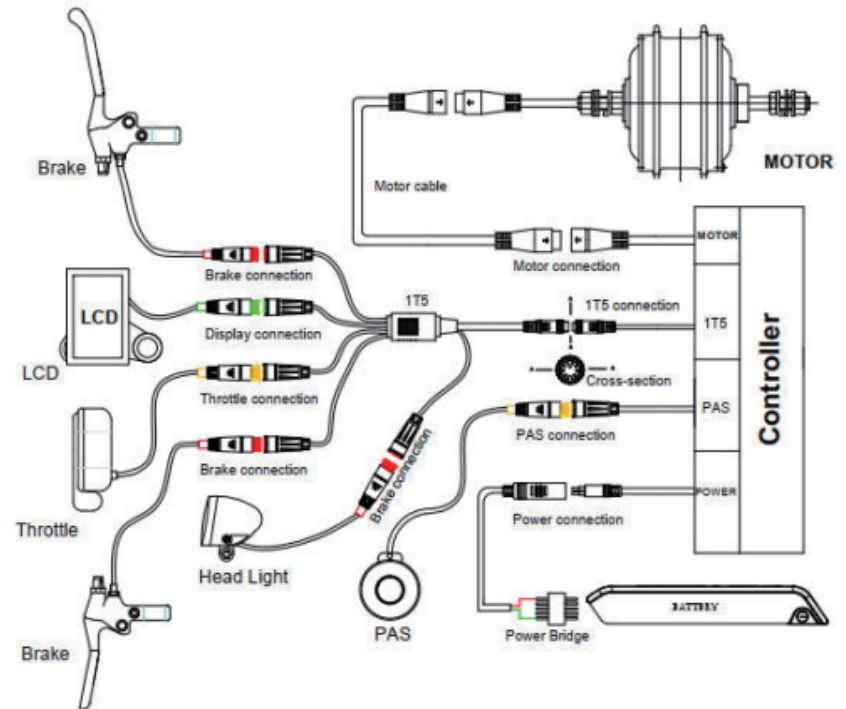
Universal/ England:

For item P3, press **Plus Button** and **Minus Button** to switch km / h or MPH display, set Universal/ England: 0 stands for universal system and 1 stands for England system.



Universal/ England Switch Interface

Connection Diagram



MODEL	SN100
VTUVIA	