



# bigstone C900E Display Instruction Manual

[Home](#) » [bigstone](#) » bigstone C900E Display Instruction Manual 

## Contents

- [1 bigstone C900E Display](#)
- [2 Specifications of C900E Display](#)
- [3 About the user manual](#)
- [4 Outlook and size](#)
- [5 Function outline](#)
- [6 Setup summary](#)
- [7 Wire map definition](#)
- [8 Quality & Warranty](#)
- [9 Error code table](#)
- [10 FAQ](#)
- [11 Documents / Resources](#)
  - [11.1 References](#)

**bigstone**

**bigstone C900E Display**



## Specifications of C900E Display

- Material: Black Aluminum alloy
- Bracket Material: Nylon
- Operating Temperature: -20°C to 60°C

## About the user manual

Dear users, in order to operate ebicycle meters better, please read the C900E instrument manual carefully before using. It will show you every step of the instrument in the most concise language, from hardware installation and setup to normal use of the instrument. It also helps you resolve the confusion and obstacles that may arise.

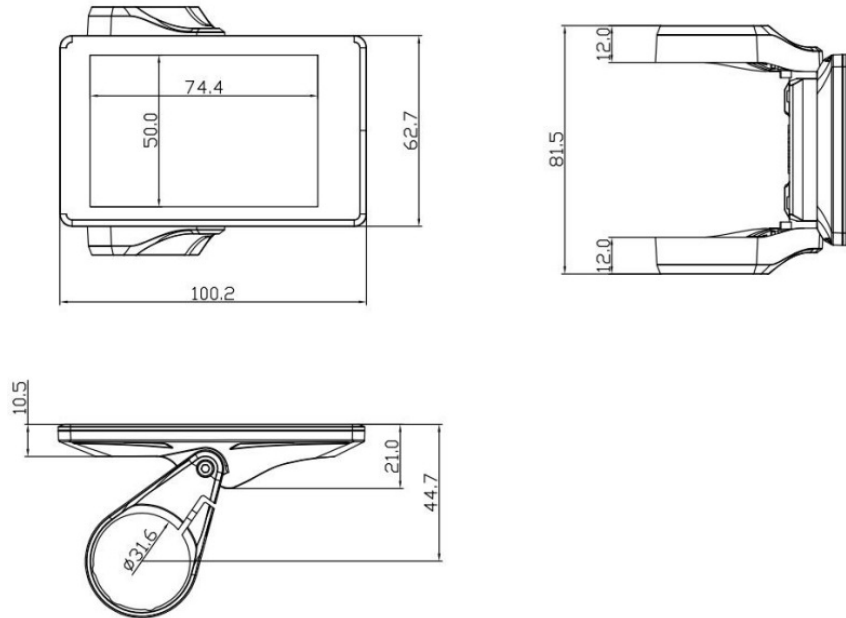
## Outlook and size

### Material and color

C900E products are made of black Aluminum alloy material and the bracket is made of nylon material. The material of the shell allows normal use at -20 to 60°C, and ensures good mechanical performance.

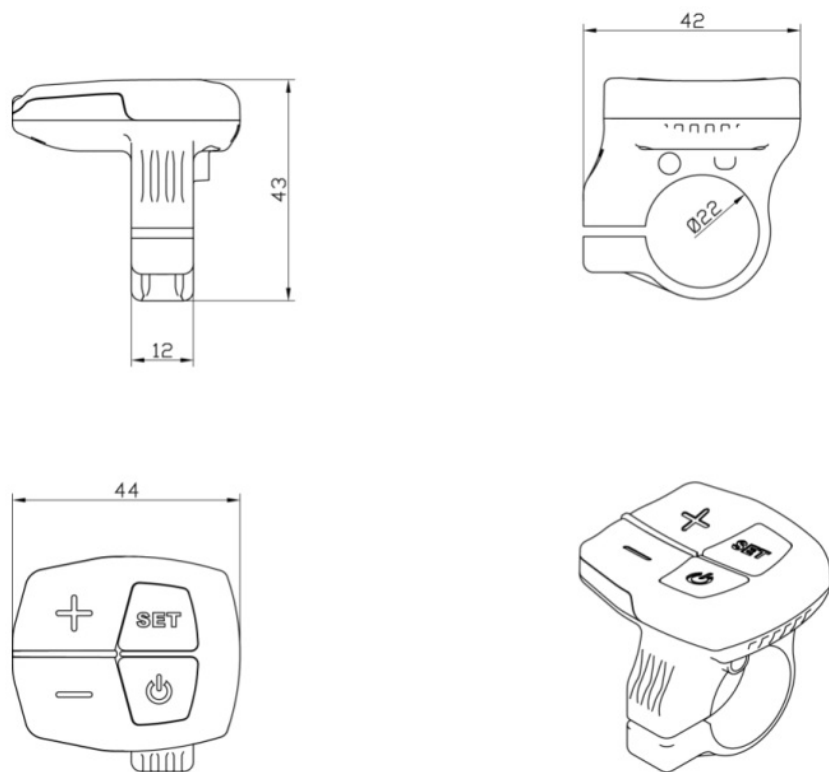
Dimension figure (unit: mm).

Dimension figure (unit: mm).

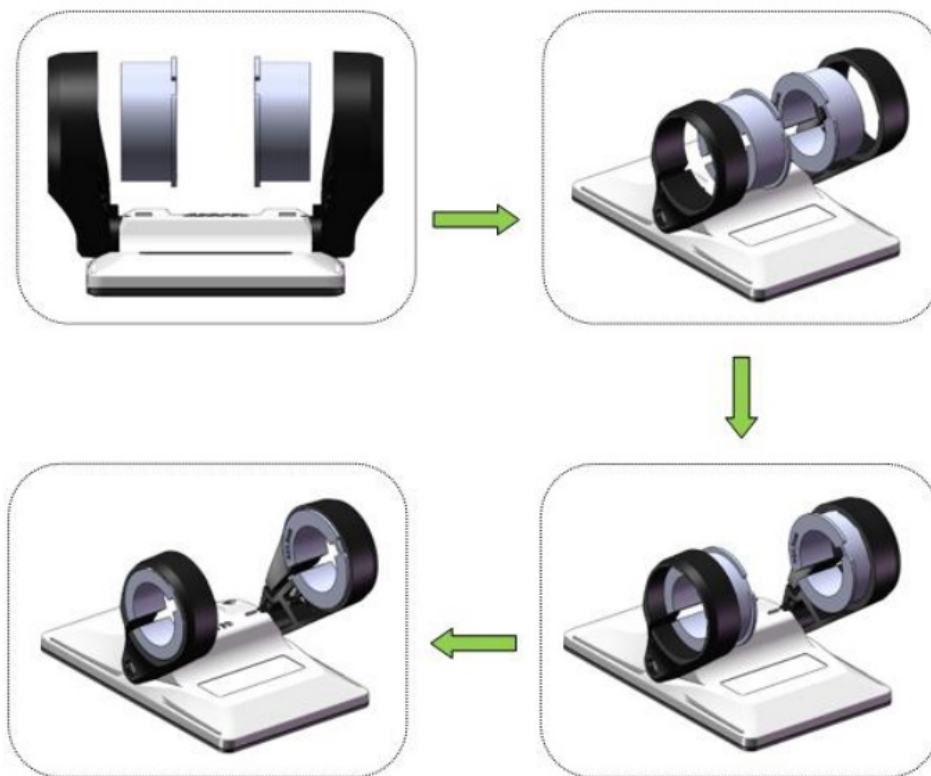


### Button definition

The C900E has four buttons, including ON/OFF SET UP and DOWN button.



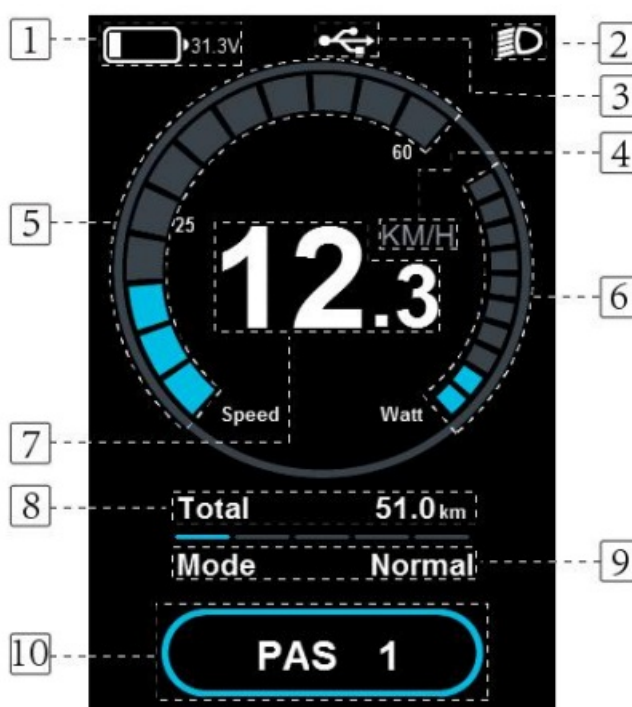
### Installation method of bracket adjusting washer



**Note:** The installation direction of the adjusting washer must be from the inside to the outside of the bracket.

## Function outline

In order to meet user's cycling needs, the C900E interface is displayed as belows.



### Remaining battery display

Figure shows the current remaining battery of the instrument. If the battery is too low, it will flash. 3.2 Backlight indicator With the power on, click the ON/OFF to turn on the backlight and headlight.

## USB

This feature is not available by default. it needs to be customized.

### **Units display**

Displays whether the current speed is in kilometers or miles based on the units set by the customer.

### **Speed display:**

Displays the current hourly cycling speed. Based on user settings, the current speed unit is displayed.

### **Power indicator:**

Current real-time output power of motor.

### **Speed display:**

Display cycling speed currently.


### **Information display:**

- **Trip** Display the mileage value of a single ride.
- **ODO:** The ODO records the total driving mileage , accumulated value cannot be cleared.
- **Time:** Display the time of the trip riding.

### **Riding mode selection**

Three modes for riding, including POWER NORMAL and ECO. Each mode corresponds to its interface theme skin.

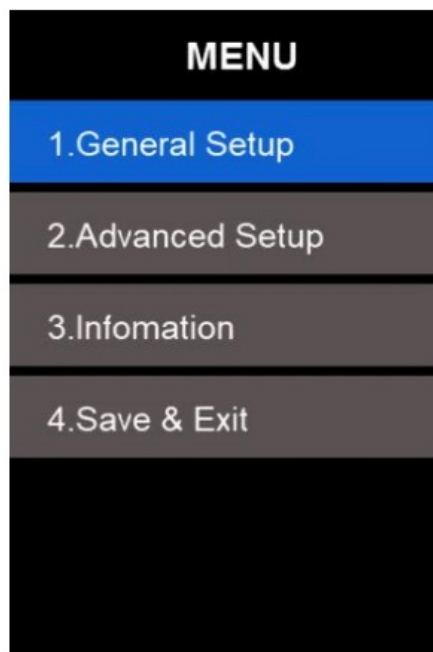
### **PAS LEVEL:**

- **PAS:** Display the level of output power, default levels are 0-5.
- **6KM:** Hold the DOWN for 2 seconds to get in  6KM working mode

### **Setup summary**

Hold SET 2seconds to enter the setting interface.

### **General Setup.**



**Trip Clear**



**Backlight setting**



Speed Limit setting



Wheel diameter setting

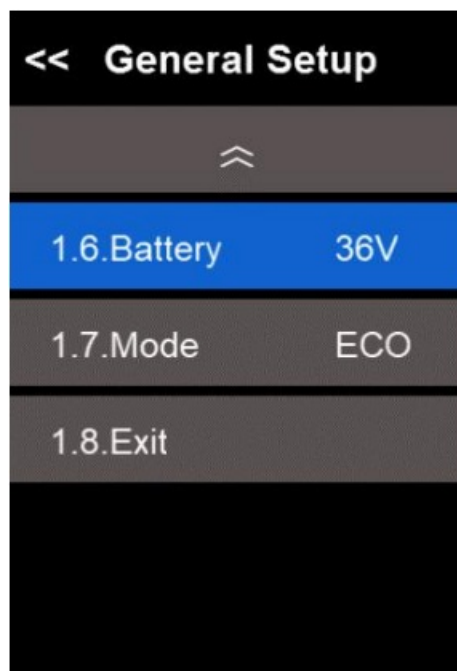
<< General Setup	
1.1.Trip Clear	N
1.2.Brightness	5
1.3.Speed Limit	99
1.4.Wheel Size	20
1.5.Units	KMH
≡	

Units

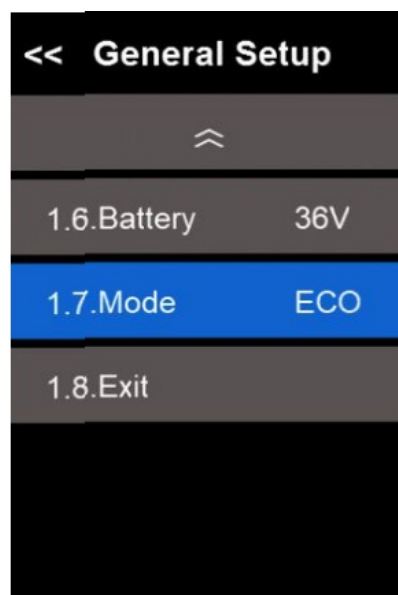
<< General Setup	
1.1.Trip Clear	N
1.2.Brightness	5
1.3.Speed Limit	99
1.4.Wheel Size	20
1.5.Units	KMH
≡	

Battery setting





Riding mode setting



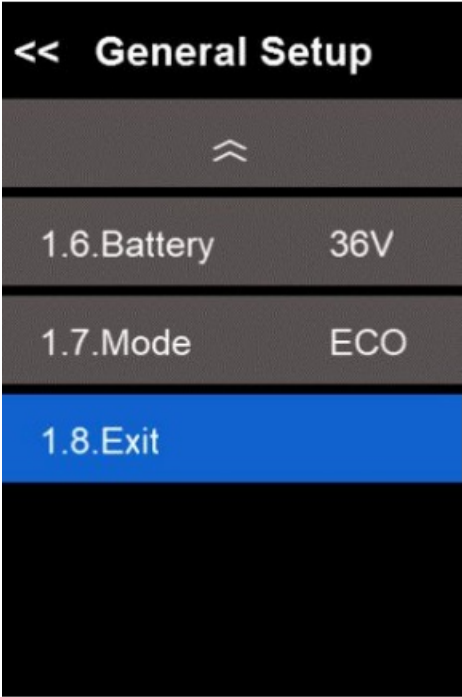
ECO:

Normal:

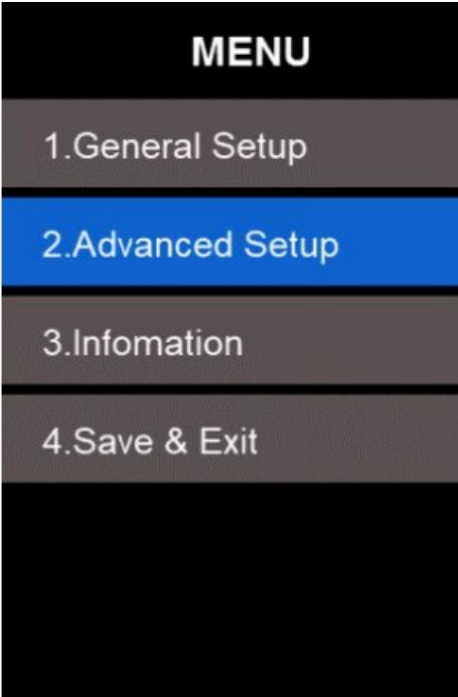
Power:



Exit



Advanced setup



Current limiting setting

<< Advanced Set	
2.1.Current Limit	13A
2.2.Motor Poles	1
2.3.Start Pulses	2
2.4.Throttle Speed	6km
2.5.Throttle follow	N
≡	

Poles In Motor setting 1/6.

<< Advanced Set	
2.1.Current Limit	13A
2.2.Motor Poles	1
2.3.Start Pulses	2
2.4.Throttle Speed	6km
2.5.Throttle follow	N
≡	

Start After Poles setting 2-16

<< Advanced Set	
2.1.Current Limit	13A
2.2.Motor Poles	1
2.3.Start Pulses	2
2.4.Throttle Speed	6km
2.5.Throttle follow	N
≡	

### Throttle 6KM

6km represents the turning knob into the 6km/h pushing mode, and Full represents the starting turning knob to the maximum.

<< Advanced Set	
2.1.Current Limit	13A
2.2.Motor Poles	1
2.3.Start Pulses	2
2.4.Throttle Speed	6km
2.5.Throttle follow	N
≡	

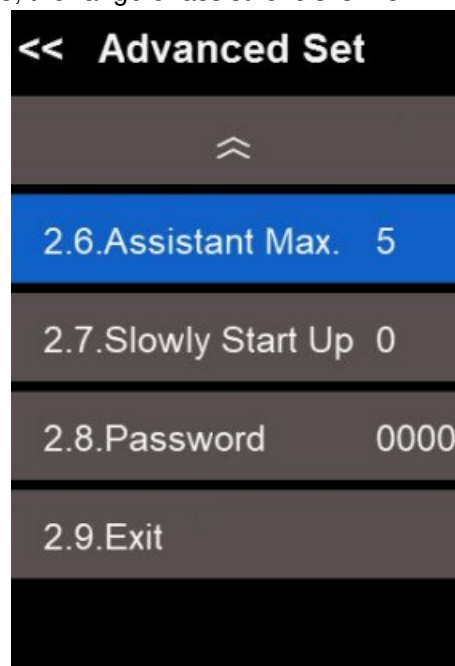
### Throttle Level

Y means throttle with different level, N means throttle with one level.



### Assist levels

It can be set to 3,5,6,9. If user select 3, the range of assist levels is 1-3.

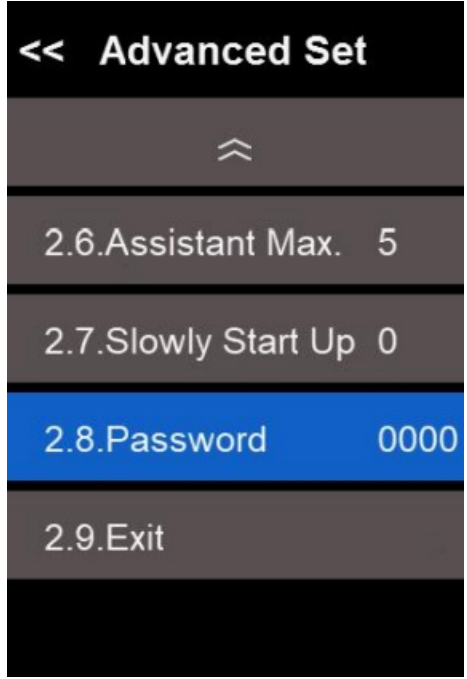


### Slow start parameters

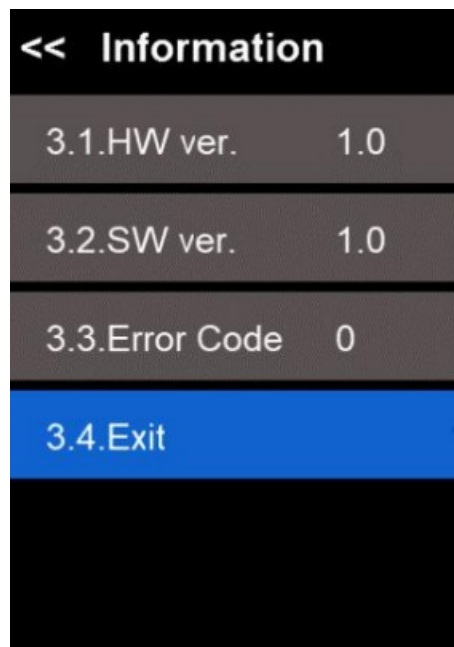
0 is the strongest,1 is the slowest.



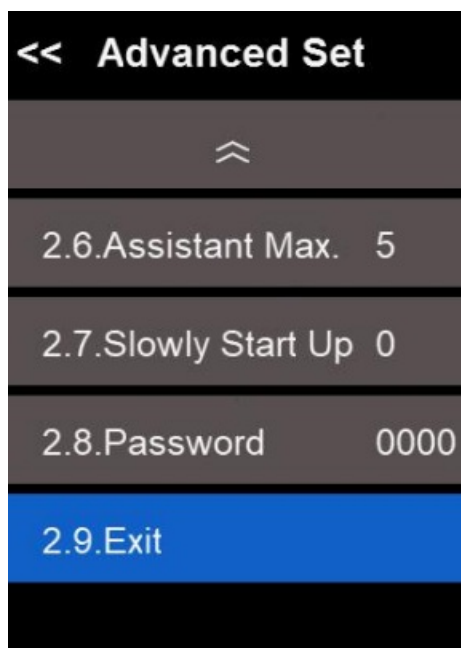
Password



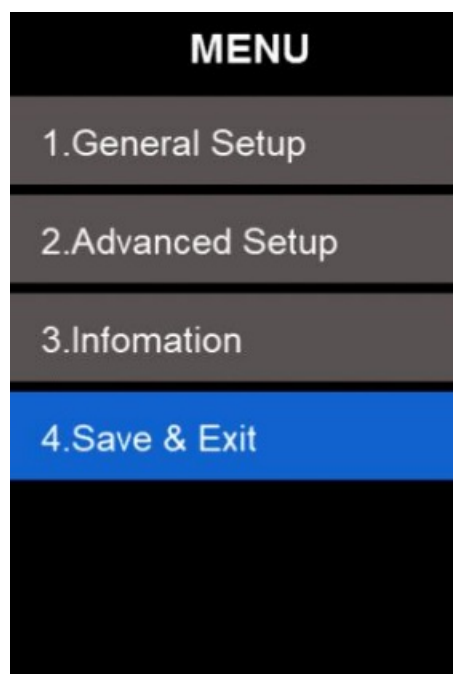
Exit



Information



Save & Exit.



When the riding speed is 0 km/h for 5 minutes, the system will go to sleep automatically.

### Wire map definition

Wires sequence	Wires color	Function
1	Red	Battery+
2	Blue	Weak lock
3	Black	Battery-
4	Green	UART – RECEIVE (RXD)
5	Yellow	UART – SEND (TXD)

### Quality & Warranty

Under normal use conditions, the company will be responsible for the limited warranty during the warranty period for the failure caused by the quality of the product itself.

The warranty period is 18 months from the date of purchase of our products.

### Other items:

- **The following conditions are not covered by warranty:**

1. Dismantling and refitting without authorization.
2. Fault or damage caused by user or third party misuse or incorrect installation and debugging.
3. The outer shell of the instrument is scratched or damaged after leaving the factory.
4. The meter cable is scratched or broken.



5. Faults or damages caused by natural disasters, such as fire, earthquake, lightning strike, etc.
6. The product is beyond the warranty period.

## Error code table

The error code is corresponding with the fault definition.

Error code	definition
0	normal
1	Current error or MOS damaged
2	Throttle error(Start detection)
3	motor no phase position
4	Hall error
5	Brake error(Start detection)
6	Under voltage
7	Motor stalling
8	communication controller receiving error
9	communication display receiving error

## FAQ

### Q: What should I do if the battery level is too low?

A: If the battery level is too low, consider recharging it to ensure uninterrupted usage.

### Q: How do I switch between different riding modes?

A: Use the appropriate button to switch between POWER, NORMAL, and ECO riding modes based on your preference.


Why the display is not able to start up

Checking the connector that between display and controller.

How to deal with the error code?

First, find out the corresponding problem according to the error code displayed. If you can't solve it by yourself, you should go to the repair point of the electric vehicle in time.

Documents / Resources

	<a href="#">bigstone C900E Display</a> [pdf] Instruction Manual C900E Display, C900E, Display
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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