C300S Instructions

CONTENT

1.About the user manual

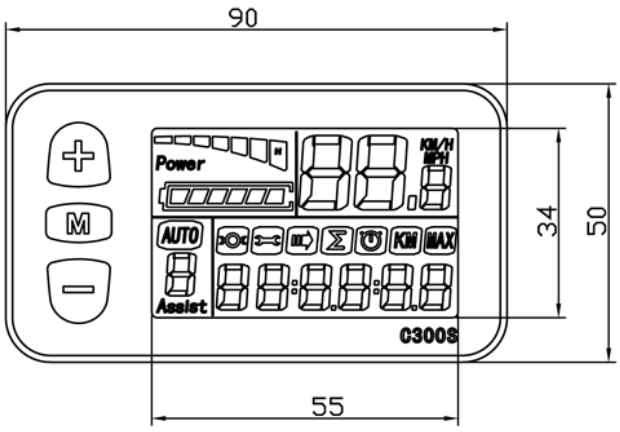
Dear users, in order to operate E-Bicycle meters better, please read the C300S display manual carefully before using. It will show you every step of the display in the most concise language, from hardware installation and setup to normal use of the display. It also helps you resolve the confusion and obstacles that may arise.

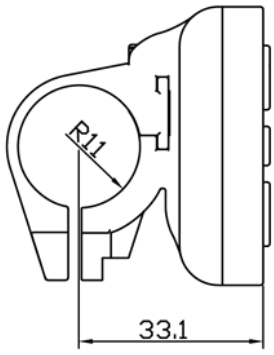
2.Outlook and size

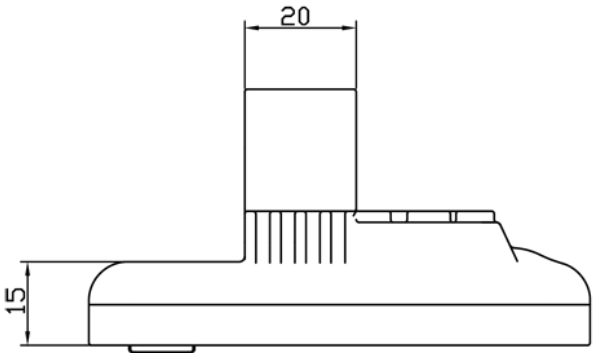
2.1 Material and color

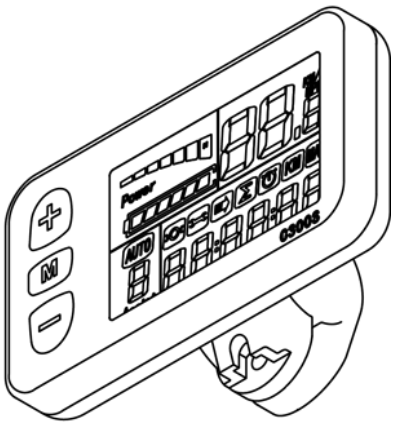
The shell of C300S product adopts black ABS material, and the supporting bracket adopts black nylon material. The materials of the shell and bracket of the product are allowed to be used normally at -20℃ to 60℃, and ensures good mechanical performance.

Dimension figure (unit: mm).



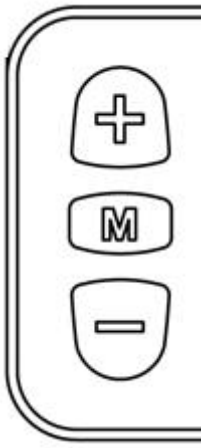






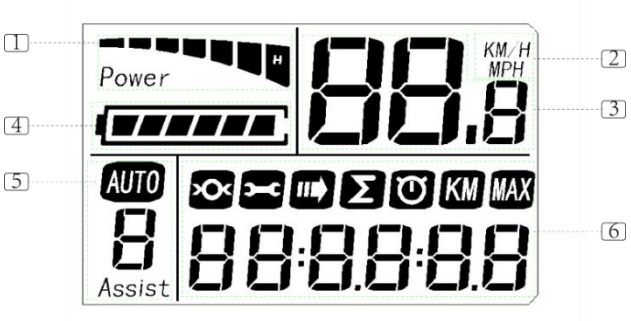
2.2 Button definition

The C300S has three buttons, including + 、M and - .M is the mode and on/off button.



3.Function outline

In order to meet user's cycling needs, the C300S interface is displayed as below.



3.1 Current display:

Display the current of controller currently, each segment is 2A.

3.2 KM/H&MPH:

KM/H or MPH selection and display.

3.3 Speed display:

Display cycling speed currently.

3.4 Remaining battery capacity:

Figure shows the current remaining battery of the display. If the battery is too low, it will flash.

3.5 PAS LEVEL:

- AUTO: Hold the " – " for 1.5 seconds to get in 6km working mode.
- Assist: Display the level of output power, default levels are 0-5.

3.6 Riding information display:

- Display wheel diameter: Display current wheel diameter information when setting the interface.
- Error: Displays the current error code.
- Cycle display: Automatic switch with other display. This feature is not available by default.
- ODO: The ODO records the total driving mileage, accumulated value cannot be cleared.
- TIME: Display the time of the trip riding.
- TRIP: Display the mileage value of a single ride.
- Max speed: Display the max speed of the system.

3.7 Turn on the headlight and backlight:

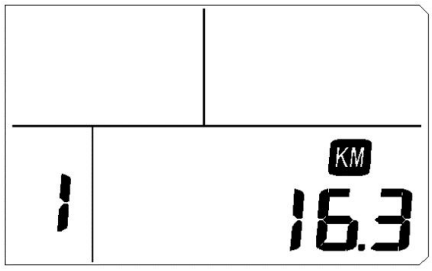
Hold the UP for 2 seconds to turn on the headlight and backlight.

4.Setup summary

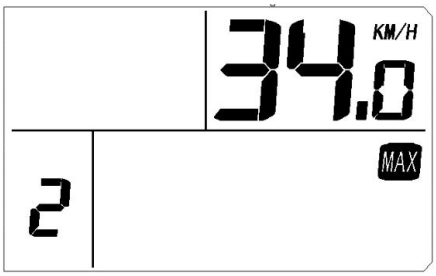
4.1 General setting

Hold UP and DOWN button for 2 seconds enter the general setting.

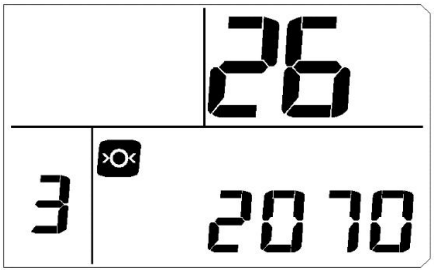
4.1.1 Trip clearance.



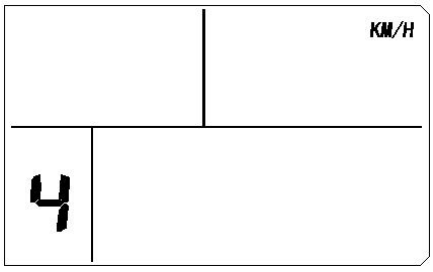
4.1.2 Max speed limited setting.



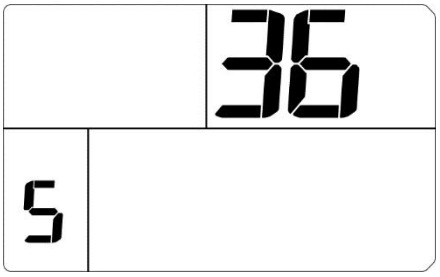
4.1.3 Wheel diameter setting.



4.1.4 KM/H&MPH setting.



4.1.5 Voltage setting.

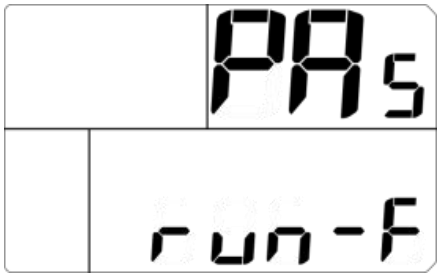


4.2 Advanced Setting

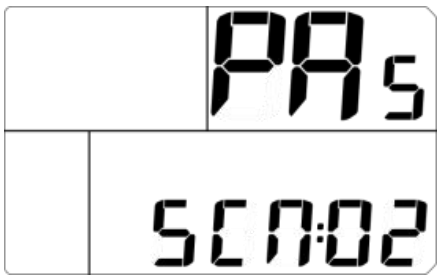
Press “M” to enter the general settings interface, and long press “M” and "-" for more than 10 seconds to enter the advanced setting interface.

4.2.1 Velocity measurement setting（1/6）.

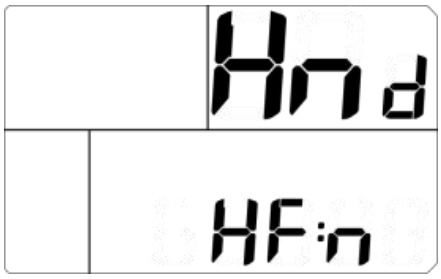
4.2.2 Pas sensor rotation direction setting （B: anticlockwise F: clockwise）.



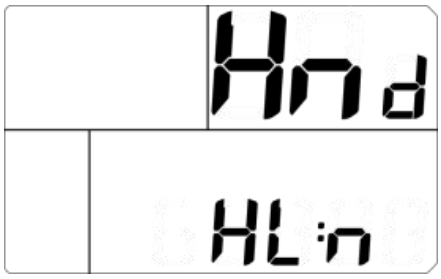
4.2.3 Starting magnetic steel number setting（2-63）.



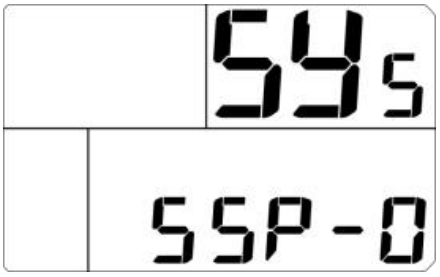
4.2.4 Throttle binning（n: normal throttle，y: throttle classifying）.



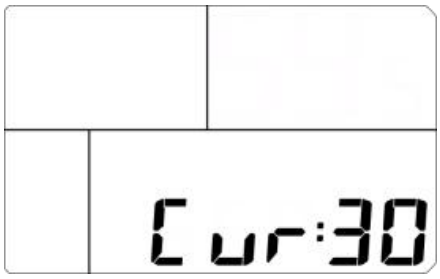
4.2.5 Throttle speed limit（n: normal throttle， y: throttle 6KM）.



4.2.6 Slow start setting（Range：0-3）.



4.2.7 Current limiting setting（Range：3A-30A）.



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

5.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)

6.Common question and solutions

Q：Why the display is not able to start up?

A：Checking the connector that between display and controller.

Q：How to deal with the error code?

A：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 E-Bicycle in time.

7.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 products is scratched or damaged after leaving the factory.

4. The product wiring harness 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.

8.Error code table

The error code is corresponding with the fault definition.：

Error code	Definition
9	Communication display receiving error
21	Current error
22	Throttle error (Start detection)
23	Motor no phase position
24	Hall error
25	Brake error (Start detection)