

C300S Instructions



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1.About the user manual

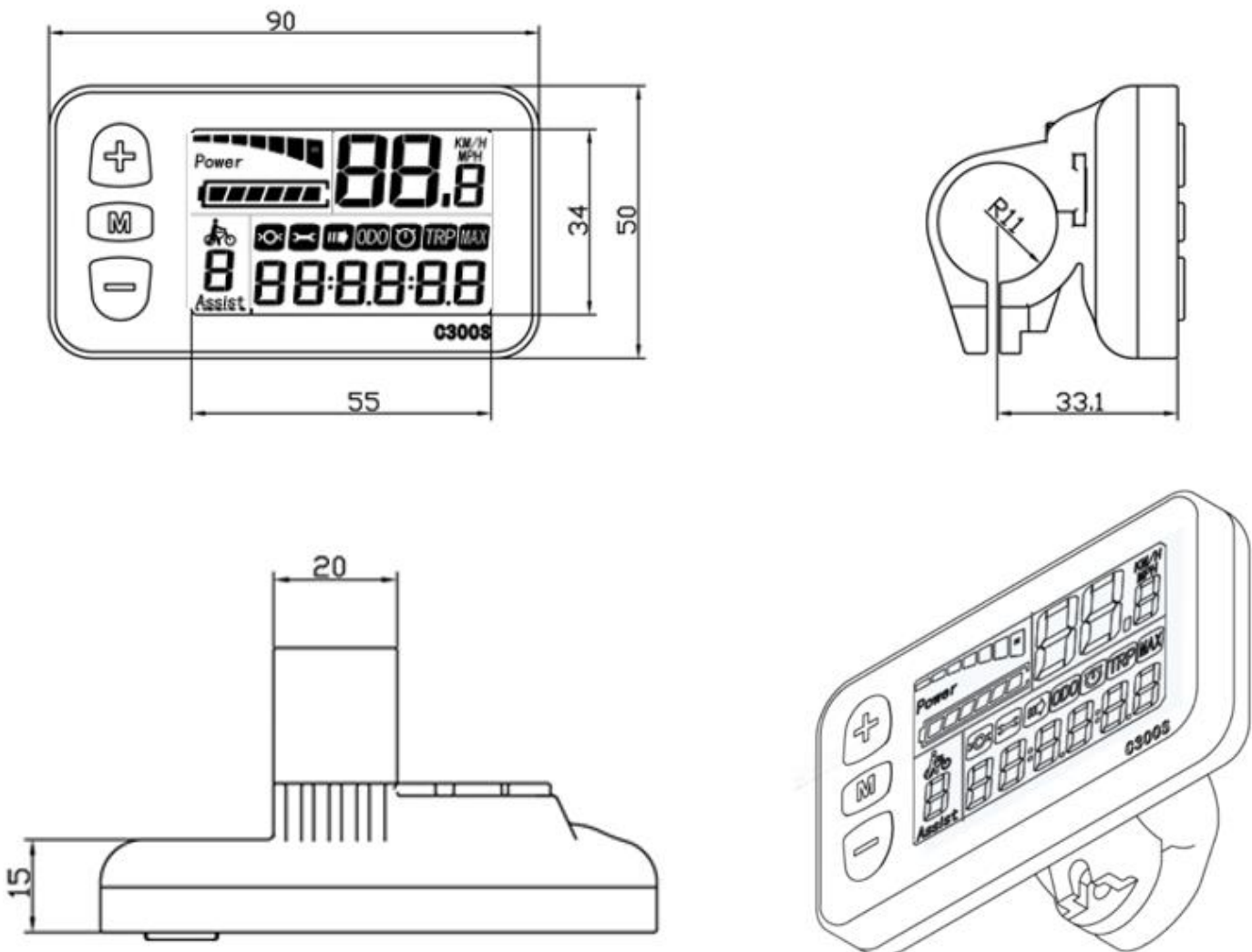
Dear users, in order to operate e-bicycle meters better, please read the C300S instrument manual carefully before using. It will show you every step of the instrument in the most concise language, from hardware installation and setup to normal use of the instrument. It also helps you resolve the confusion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

2.Outlook and size

2.1Material and color

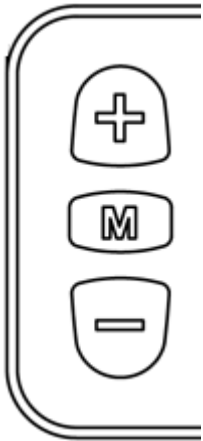
C300S products are made of black ABS material and the bracket is made of nylon material. The material of the shell allows normal use at -20 to 60°C, and ensures good mechanical performance.

Dimension figure (unit: mm).



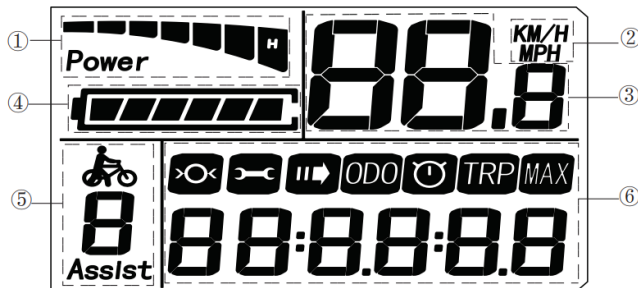
2.2 Button definition

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 display:

Figure shows the current remaining battery of the instrument. 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.

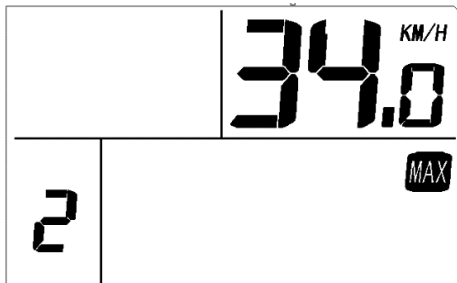
4.Setup summary

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

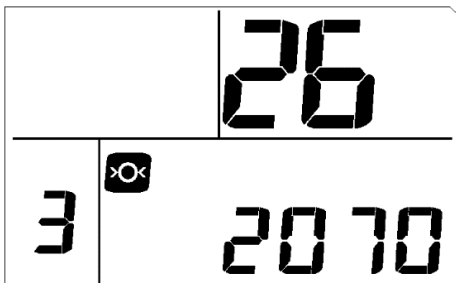
4.1 Trip clearance.



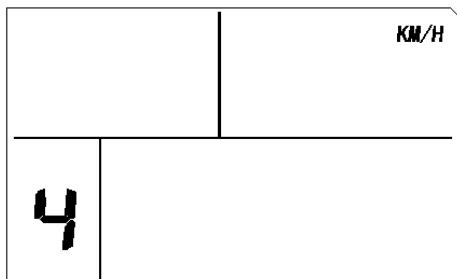
4.2 Max speed limited setting.



4.3 Wheel diameter setting.



4.4 KM/H&MPH setting.



※ 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 electric vehicle 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 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.

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)