

C300S Instructions



CONTENT

1.About the user manual.....	4
2.Outlook and size.....	5
2.1 Material and color	5
2.2 Button definition	6
3.Function outline.....	7
4.Setup summary	8
4.1 General setting	8
4.1.1 Reset Trip distance to 0.....	8
4.1.2 Max speed limited setting.....	8
4.1.3 Wheel diameter setting.....	8
4.1.4 KM/H&MPH	8
4.1.5 Setting instrument voltage.....	8
4.2 Advanced setting.....	8
4.2.1 Velocity measurement setting.....	8
4.2.2 Sensor orientation setting.....	9
4.2.3 Starting magnetic steel number setting.....	9

4.2.4 Throttle binning.....	9
4.2.5 Throttle speed limit.....	9
4.2.6 Slow start setting.....	9
4.2.7 Current limiting setting.....	9
5.Wire order definition	10
6.Common problems and solutions.....	11
7.Quality & Warranty.....	12
8.Error code table	13

1.About the user manual

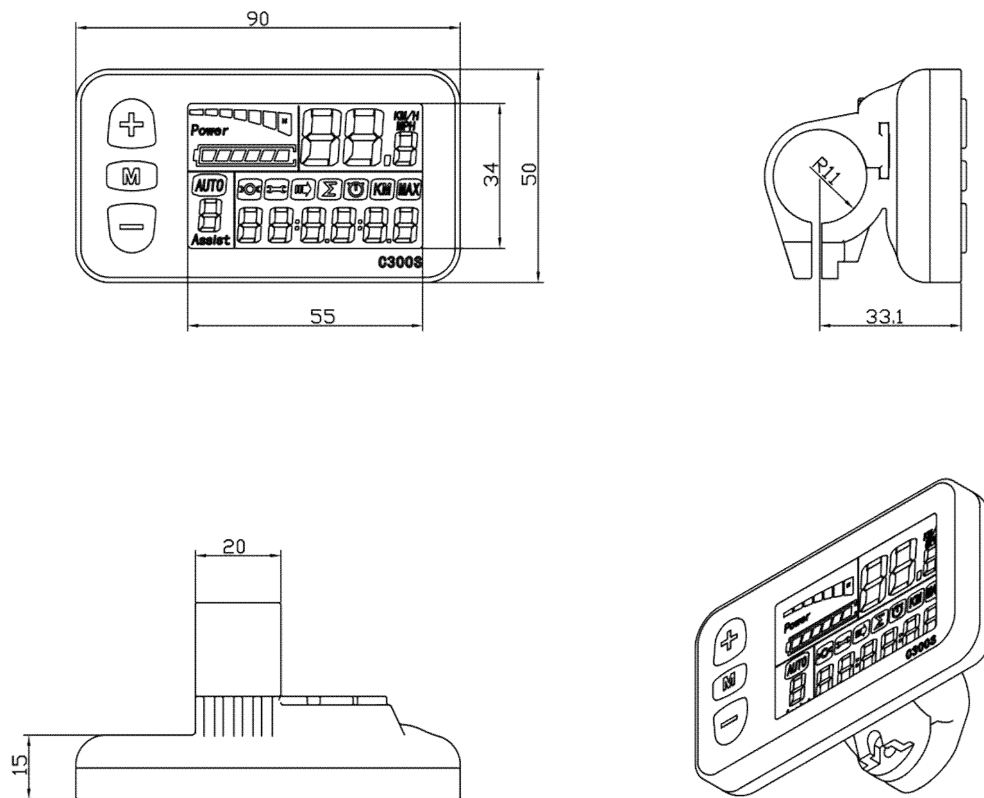
Dear users, in order to operate your electric car better, please read the C300S instrument manual carefully before use. We will tell you every step of the instrument in the most concise language, from hardware installation and setup to normal use of the instrument. At the same time help you solve the confusion and obstacles that may arise.

2.Outlook and size

2.1 Material and color

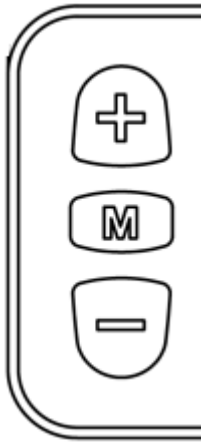
C300S products are made of black ABS material and the bracket is made of nylon material. Under the temperature of -20 to 60°C, the shell material can ensure normal usage and good mechanical performance of the products.

Dimension figure (unit: mm).



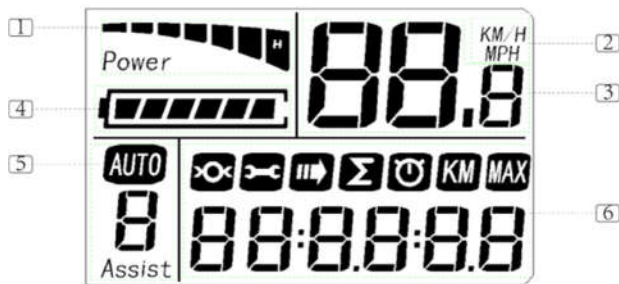
2.2 Button definition

C300S has three buttons, including UP、 M and DOWN.



3.Function outline

C300S provides a wide range of functions and indicators to fit the users' needs. The indicated contents are as below.



3.1 Current display:

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

3.2 KM/H&MPH:

Select KM/H or MPH as the current display unit.

3.3 Speed display:

Display the speed at present.

3.4 Electric quantity display:

Display current electric quantity.

3.5 AUTO& Assist:

- ◆ AUTO: Hold the DOWN for 1.5 seconds to get in 6km work.

- ◆ Assist: Displays the current output power.

3.6 Riding information display:

- ◆ Display wheel diameter: Display current wheel diameter information when setting the interface.
- ◆ Error: Displays the current error code
- ◆ Cycle times display: This feature is not available by default.
- ◆ ODO: The ODO records the driving mileage from using the accumulated value cannot be cleared.
- ◆ TIME: Display the time when the speed of a single ride is higher than 5KM/H.
- ◆ TRIP: Display the user's one-way mileage.
- ◆ Max speed: display current max speed.

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 Click UP and DOWN 2 seconds
enter the general setting
interface.

4.1.1 Reset Trip distance to 0.



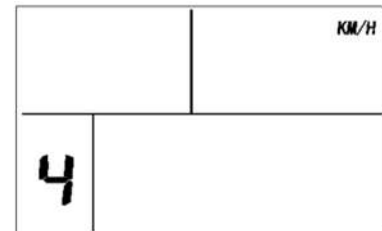
4.1.2 Max speed limited setting.



4.1.3 Wheel diameter setting.



4.1.4 KM/H&MPH

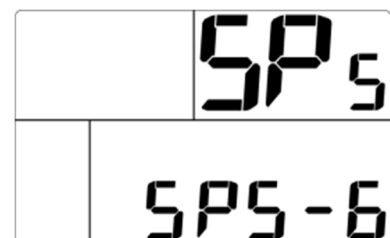


4.1.5 Setting instrument voltage.



4.2 In the regular settings, the
interface is long pressed SET
and "-" 10 seconds to enter the
advanced setup interface.

4.2.1 Velocity measurement setting
(1/6) .



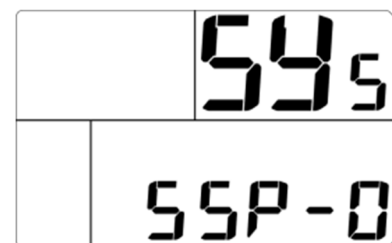
4.2.2 Sensor orientation setting (B: anticlockwise F: clockwise) .



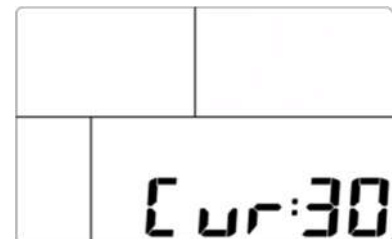
4.2.3 Starting magnetic steel number setting (2-63) .



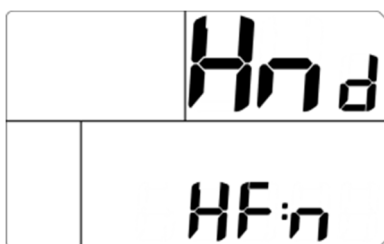
4.2.6 Slow start setting (Range: 0-3)



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



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



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

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

5. Wire order 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 problems 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: Fix it to the maintenance place immediately. If cannot be resolved, you can go to the electric vehicle repair points repair it in a timely manner.

7. Quality & Warranty

Any quality problems in normal case and in guarantee period, our company will responsible for the warranty .

The warranty time is 18 months from date of purchasing.

Other items:

The following items are not belong to warranty scope:

1. It can't be demolished.
2. The damage caused by wrong installation or operation.
3. Shell is broken when display is out of the factory.
3. Wire is broken.
4. Force disaster (such as fire, earthquake, etc.) or natural disasters like lightning, etc caused by fault or damage.
6. Beyond 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)