

User's Manual

FS-501

1. Introduction to the operation of the instrument

1.1 On/Off

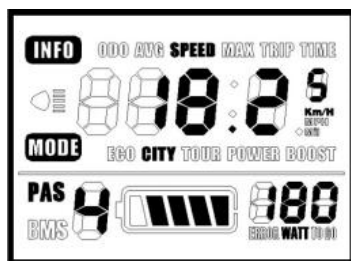
Please press the MODE key for a long time and you can open or close the instrument.



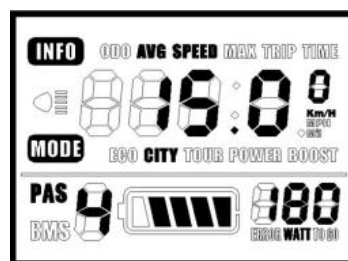
If you don't use the electric bike or operate the instrument over 10 minutes, the instrument will turn off automatically.

1.2 Introduction to the interface display

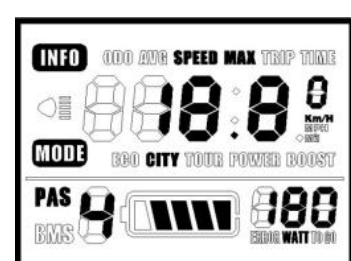
When the instrument is on, the default value is SPEED. Press the MODE key for a short time, you can shift the display information: SPEED, AVG SPEED, SPEED MAX, TRIP, TRIP TIME, ODO successively.



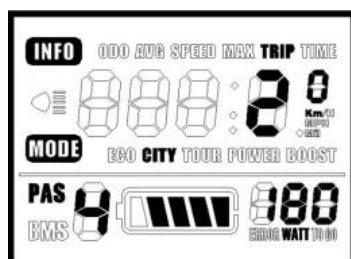
SPEED



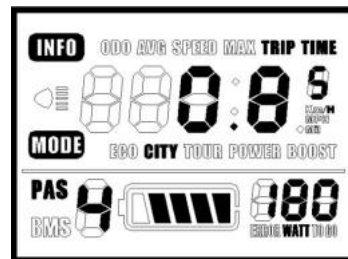
MAX SPEED



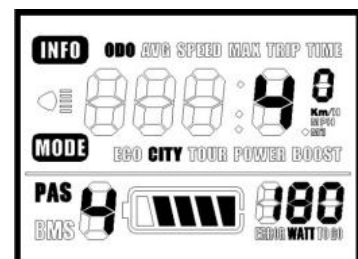
AVERAGE SPEED



TRIP



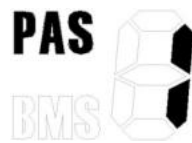
TRIP TIME



ODO

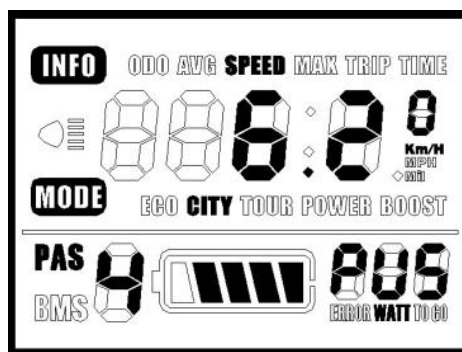
1.3 Steering gear

Please press UP key or DOWN key for a short time on the condition of powder on you can shift the steering gear and the output powder with the range of instrument from 0 to 9. When the instrument is on 0 level, the powder will be out of work .The default value is 1 level.



1.4 Steering promotion


When you press the DOWN key for a long time , the electric vehicle is on the condition of electric steering, traveling at the speed of 6km per hour.

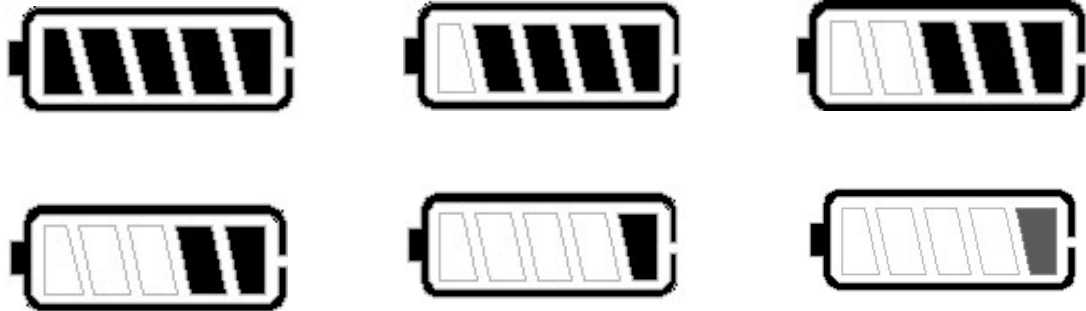


Notice: Use it only when pushing the electric vehicle, not when riding

1.5 Powder display

When the powder of the battery is over 5, LCD is alight;

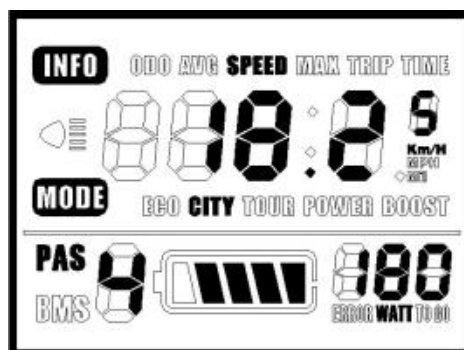
 when the powder is low but still has one powder lighting, the battery needs badly to charge



low powder and lighting

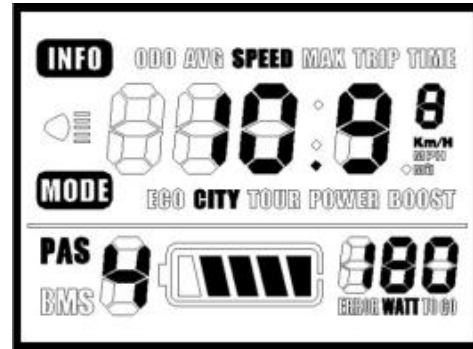
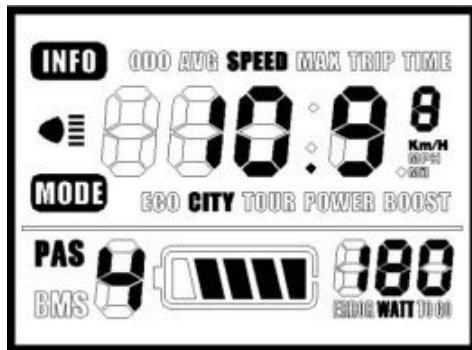
1.6 Display of output powder

The instrument can display the output powder of the electric vehicle by the unit of We just like the following picture.



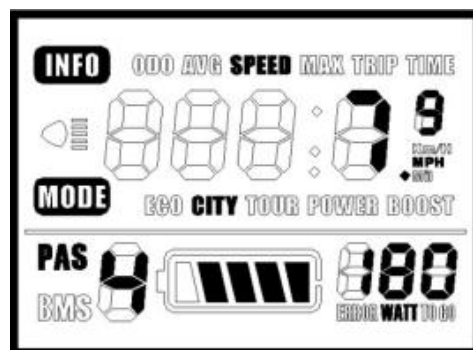
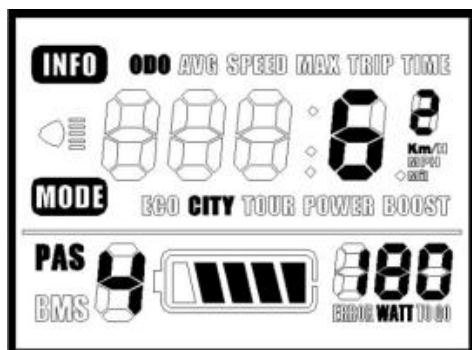
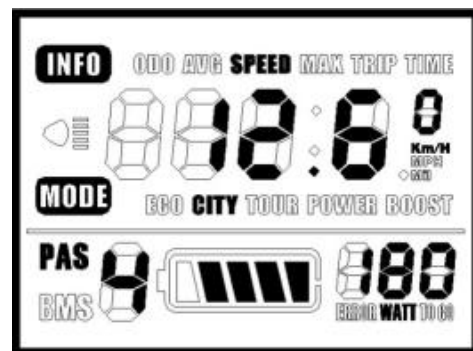
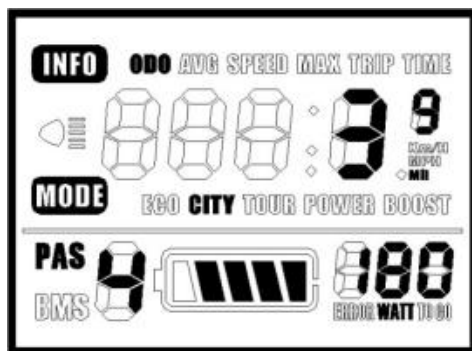
1.7 Open the back light and the headlight

When you press the UP key, the back light is opened ,keeping the controller opening the headlight.



1.8 Display of the unit

On the occasion of metric and British system, the speed and the trip will show as following pictures.

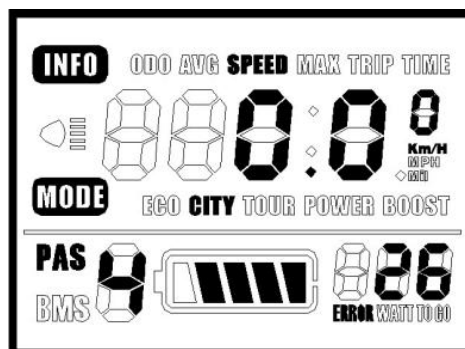


1.9 Display of wrong code

When the system goes wrong, the instrument will display the wrong code automatically. Here is the wrong code.

Just like the following picture, when the wrong code presents 26, it means abnormal voltage.

Wrong code	definition
21	abnormal electric current
22	abnormal handle
23	Motor phase
24	Abnormal hall signal of the motor
25	Abnormal broke
26	Abnormal voltage
30	Abnormal communication



Only when there is no barrier can it quit the fault display.

2. Introduction to the user setting

2.1 The preparation before starting

Make sure the firm connection between the plug-in.

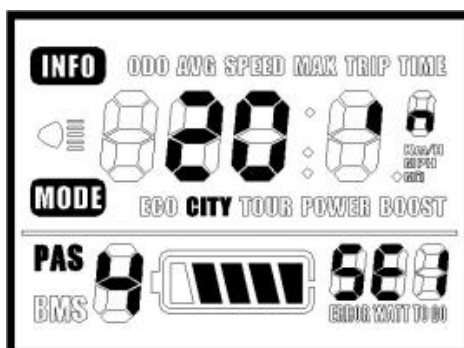
2.2 General setting

When you press the MODE key for a long time, you are going into the starting condition; when pressing UP plus DOWN for a long time, you are going into general setting condition. Press MODE key for a short time, you change the setting condition

SE1 The setting of the diameter of the electric vehicle

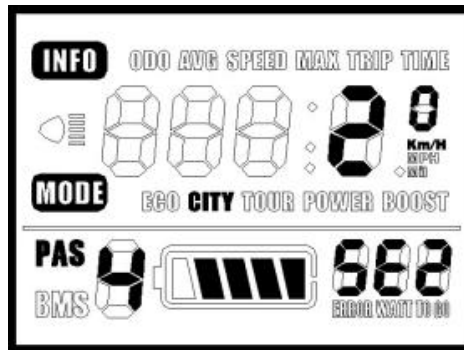
Parameters are provided:

They are 28in, 700c, 26in, 24in, 20in, 18in, 16in. User can choose the successive diameter by pressing the key of UP and DOWN in order to make sure the right display of speed and trip. And the default is 700c.



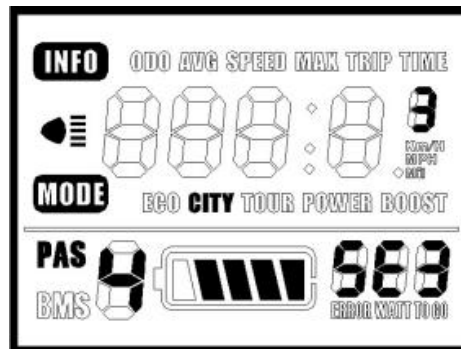
SE2 Setting of limited speed

This number can limit the highest speed. If it is beyond the number , the controller will stop the powder in order to make sure the safety.



SE3 Setting of the brightness of back light

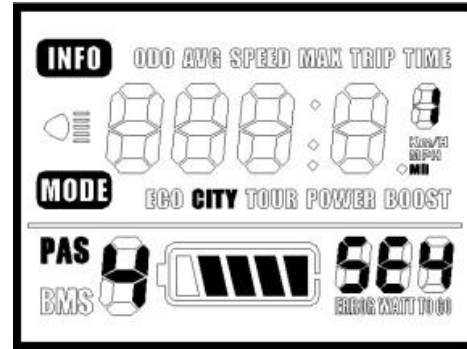
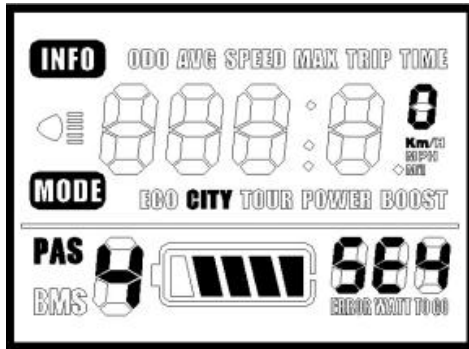
You can choose the brightness from 1 to 3 by shifting the key of UP and DOWN. 1 means the lowest brightness while 3 the top.



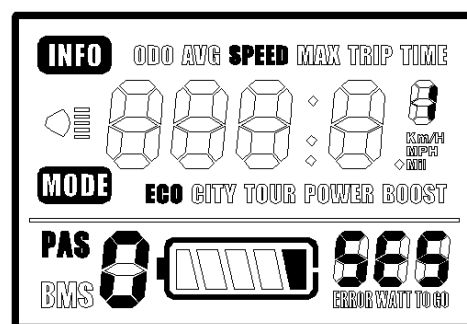
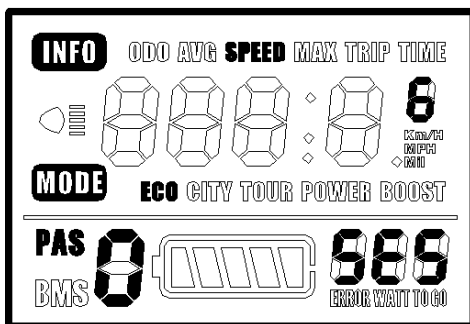
And the default is 3.

SE4 Setting of unit

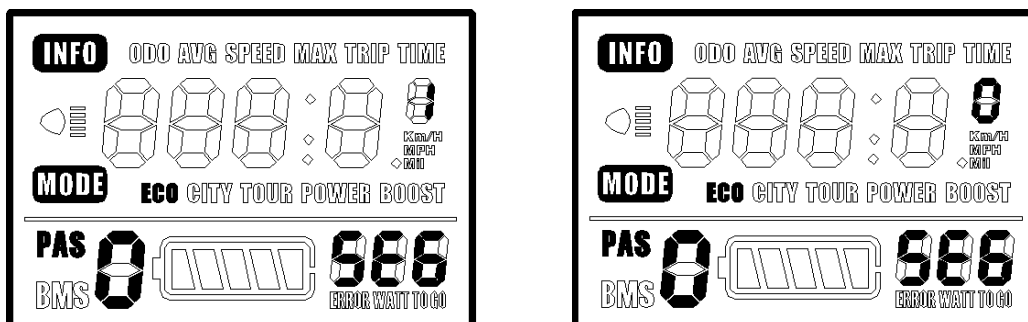
You can choose the metric and British unit just by shifting the key of UP and DOWN. 0 means KM while 1 means Mil



SE5 The setting of speed magnetic steel number set electric vehicle speed sensor



SE6 The setting of the positive and negative powder



The instrument will quit the setting condition without any operation in 3 minutes.

3. Save the set parameter

After setting, press the MODE for a short time to confirm the present set parameter and go into another set interface. Press the MODE for a long time, the instrument will save the parameter automatically and quit the set interface.

4. Normal question and answer

Question: Why can I not turn on?

Answer: check the corresponding key between connector and controller firmly.

Question: how to deal with the wrong code of the instrument?

Answer: Mend it in the electric vehicle maintenance station in time.