

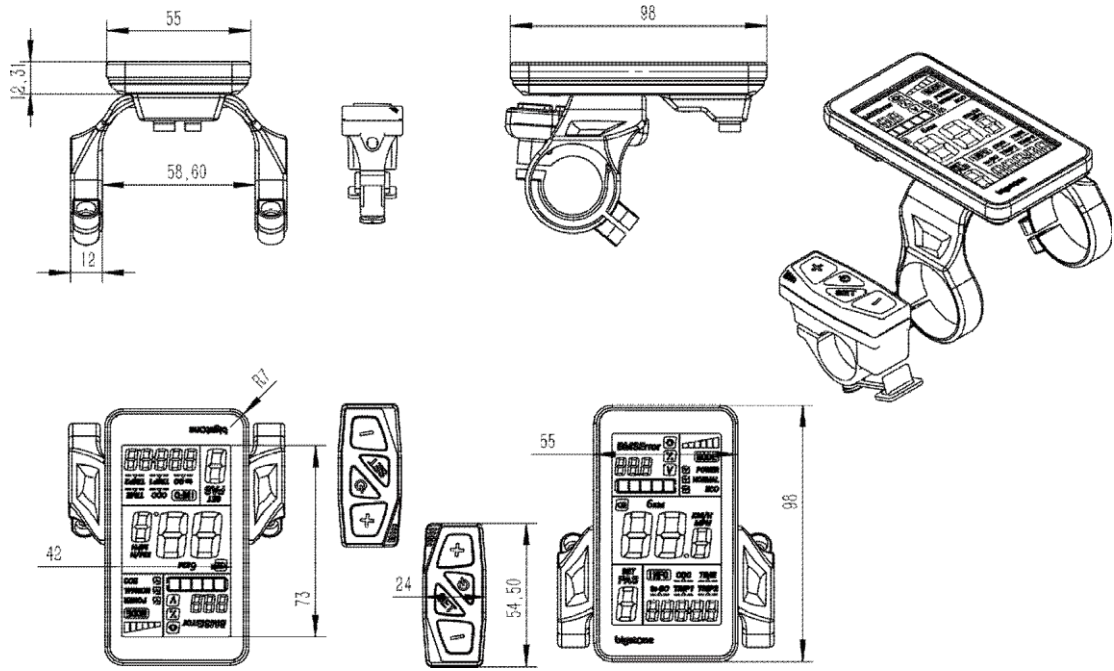
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**bigstone**


**C600E-USB-LCD**

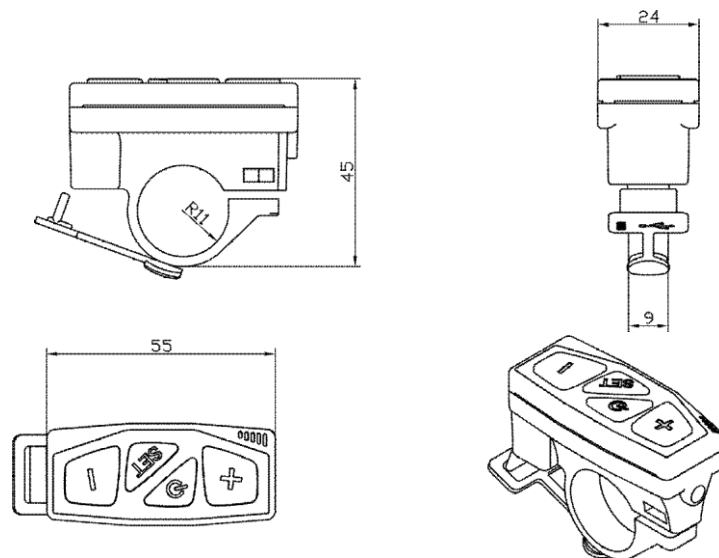
**Instructions**





## Button Definition

C600E-USB has four buttons, which include ON/OFF , SET, UP+ and DOWN-.



## Function Summary

C600E-USB provides a wide range of functions and indicators to fit the users' needs. These are listed below.

1. ON/OFF

2. Current display

3. Speed display

4. KM/H & MPH

5. Backlight indicator

6. 6KM/H selection

7. PAS selection

8 PAS level selection.

9. Error code indicator

10. SET operation

11. Distance indicator

11.1 Total distance (ODO)

11.2 Trip 1

11.3 Trip 2

12. Trip time indicator

13. Battery indicator

13.1 Battery residual capacity indicator

13.2 Battery voltage

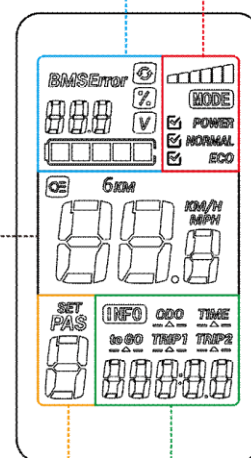
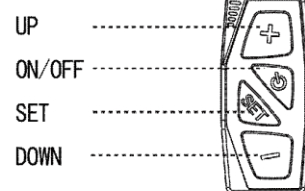
14. Cable definition

15. Auto sleep after 5 minutes

3. Riding mode selection

9. Error code indicator  
 13. Battery indicator  
 13.1 Battery residual capacity indicator  
 13.2 Battery voltage  
 13.3 Battery capacity percentage  
 13.4 Battery charging and discharging times  
 14. Cable definition  
 15. Auto sleep after 5 minutes

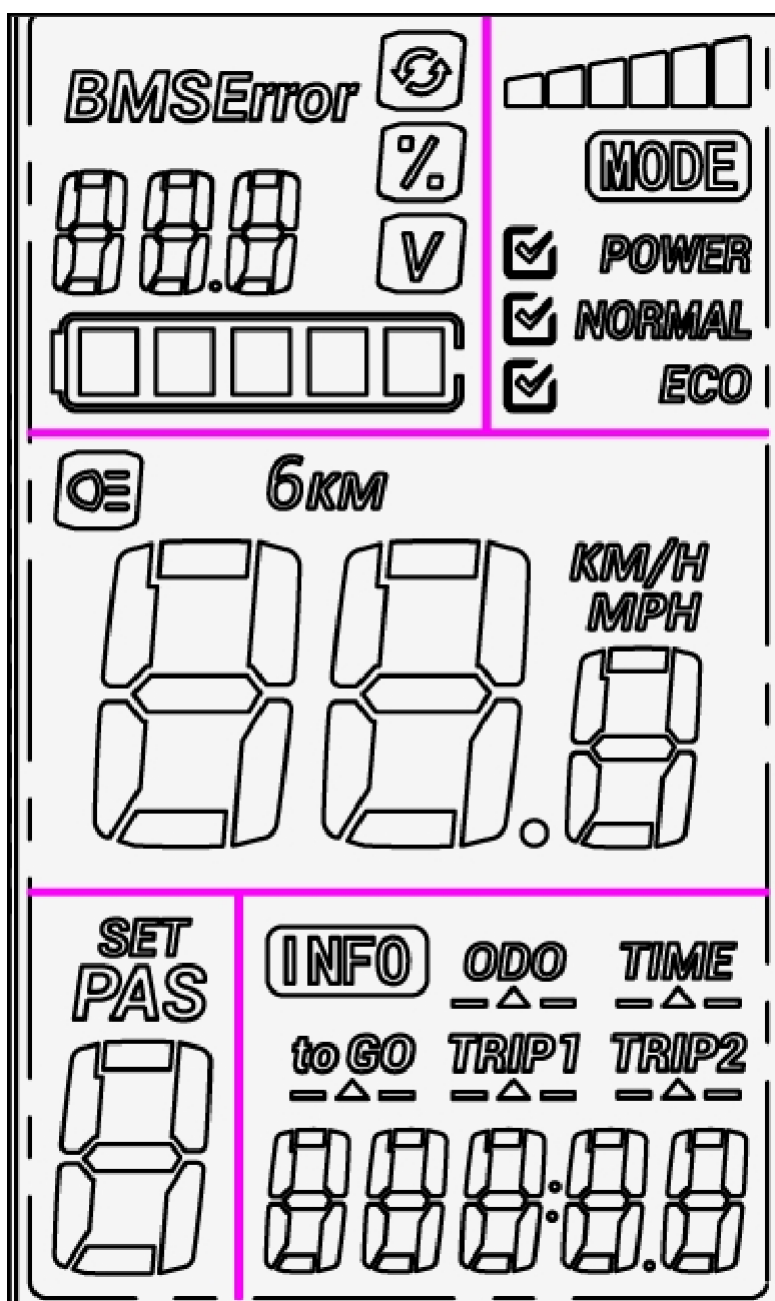
4. Speed display  
 5. KM/H & MPH  
 6. Backlight indicator  
 7. 6KM/H work



8. PAS level selection  
 10. SET operation

11. distance indicator  
 11.1 Total distance (ODO)  
 11.2 Trip 1  
 11.3 Trip 2  
 11.4 Remaining distance (to GO)  
 12. Trip time indicator

## Full View Area



## Normal Operation

### 1. ON/OFF

Hold **ON/OFF** to start the display. Hold **ON/OFF** again to turn on the screen's backlight. To turn off display, press **ON/OFF** for 2 seconds.

※ The display will go to sleep when the speed is 0 km/h for 5 minutes.



## 2. Current Display

Represents the discharging current of the controller. Each mark is 2A, six segments is  $\geq 12A$ .

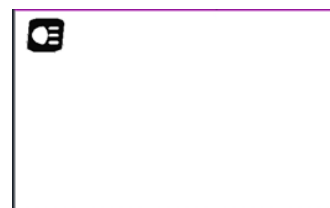
## 4. Speed Display

The speed is as below, and user can select KM/H or MPH in SET4.



## 5. Backlight Indicator

With the power on, click the **ON/OFF** to turn on the display backlight.



Click it again and turn off the backlight.

## 6. 6KM/H – walking mode

Hold the **DOWN** - for 2 seconds to get into 6km walking mode. You must continue to hold this button down; the display will show 6KM.

## 7. PAS Selection

With the power on, Hold the **UP** for 2 seconds and turn on the Power Assist System (PAS). Hold it again and turn off the Power Assist System.

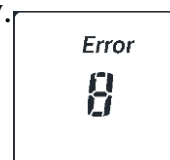
## 8. PAS Level Selection

Click **UP** or **DOWN** to change the power level while pedaling. There are nine levels with one being the minimum and nine the maximum. Level 0 provides no assist.



## 9. Error Code Indicator

If there is something wrong with the electronic control system, the display will flash at 1 HZ and show the error code automatically. See the error code table on the last page for details. Problem must be corrected before the system will work again.



## 10. User Setting Operation

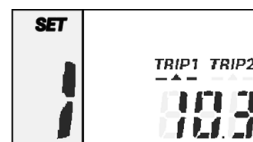
### 10.1 General Project Setting

Hold the **SET** for 3 seconds and enter into the settings mode. Click

the **SET** to cycle through each of the settings. Press **UP** or **DOWN** to select the desired parameter. Hold the **SET** for 3 seconds to save and exit.

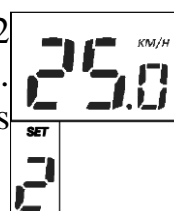
### 10.1.1 、 SET1: Reset Trip1

Click the **DOWN** and reset trip 1, **TRIP1** icon will flash and the mileage will be cleared.



### 10.1.2 、 SET2: Max Speed Setting

The default max speed is 99.9 km/h. In the SET 2 interface. This can be lowered to limit the speed. Minimum speed is 20 km/h. When the riding speed exceeds the set value, the controller will stop supplying power.

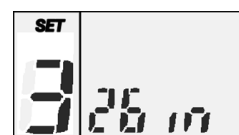


### 10.1.3 、 SET3: Wheel Diameter Setting

Select up or down for the correct wheel size.

### 10.1.4 、 SET4 : KM/H & MPH

Select up or down to toggle between mph and km/h



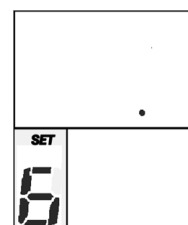
### 10.1.5 、 SET5: 36V/48V

Click **UP** or **DOWN** to switch between 36V & 48V.



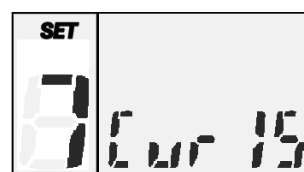
### 10.1.6 、 SET6: Cruise Control Setting

Click **UP** or **DOWN** to select cruise function. If the dot in the upper screen is visible then the cruise function is available.



### 10.1.7 、 SET7: Current\_Limit Setting

Click **UP** or **DOWN** to set current limit.



**Error Code Meanings**

0	normal
1	Current error or MOSFET damaged
2	Throttle Error
3	Phase position error
4	Hall Sensor(s) error
5	Brake cutoff error
6	Under voltage
7	Motor stalling
8	Controller communication receiving error
9	Display communication receiving error