

Display Interface + Button Definition



Normal Operation

Power On/Off

Press and hold the **POWER** button to turn on the display. With the display turned on press and hold the **POWER** button again to turn it off.

Assist Level Operation

Press the **UP** and **DOWN** button to change assist levels. The lowest level is 1, highest level is 9 – these levels can be changed in the advanced settings. Level 0 means no motor assistance.



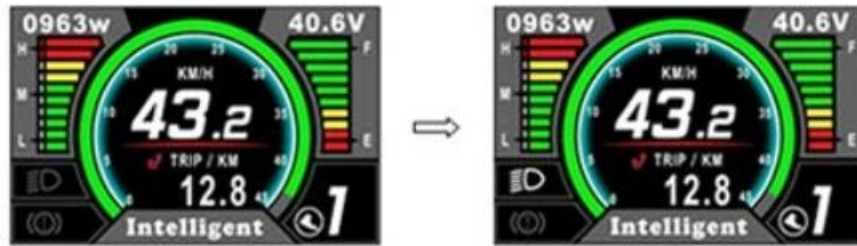
Display Speed and Mileage Mode switch

Press the **POWER** button to toggle between different pieces of information shown in the middle of the display. This changes in the following order: TRIP→TIME→ODO→AVG SPEED→MAX SPEED



Headlight/Display Backlight Operation

Press and hold the **UP** button to turn on the headlight and display backlight. To turn off the headlight when it is turned on press and hold the **UP** button again.



*While battery voltage is low the motor may not function. However, the display and light can remain powered on for some time after this happens.

Walking Mode

Press and hold the **DOWN** button to enter walking mode. The motor will work to propel the bike at 6km/h for you to walk alongside it. To exit this mode, release the **DOWN** button.

Data Cleanup

Press and hold the **UP** and **DOWN** buttons together to reset several pieces of temporary data. This temporary data includes: AVG Speed/Max Speed/Trip/Time.

Parameter Setting

Entering the Parameter Setting Menu

Hold the **MENU** button to enter the parameter setting menu. When in this menu press the **UP** and **DOWN** buttons to select a parameter.

Press the **MENU** button to enter a parameter. To change the parameter, press the **UP** and **DOWN** buttons.

Press the **MENU** button to exit the parameter and save the changes. Hold the **MENU** button to exit the parameter setting menu.

*The display will automatically exit this menu if there is no operation for 30 seconds.

*The display cannot enter this menu while riding and will exit this menu when you start riding.

The parameters are set in the following order:



System

Use the **UP** and **DOWN** buttons to switch display units between Metric (km/h) and Imperial (mph).



Brightness

Use the **UP** and **DOWN** buttons to change the brightness of the display backlight. I is the darkest, IIIII is the brightest.



Auto Off

Use the **UP** and **DOWN** buttons to change the auto shut down time for the display. Value can be changed from 1 to 9/OFF with the number representing time in minutes to shutdown. Off will disable the Auto Off function meaning the display will only power down if you manually shut it off.



Battery

Use the **UP** and **DOWN** buttons to change battery voltage setting. **YOU DO NOT NEED TO CHANGE THIS SETTING, IT WILL BE SET CORRECTLY WHEN YOU RECEIVE YOUR BIKE!**

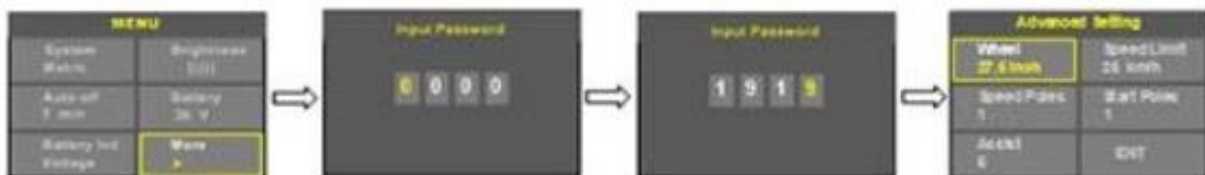
Battery Indicator

Use the **UP** and **DOWN** buttons to toggle the battery life display indicator between Voltage/Percentage/Off.



Advanced Setting

Select MORE on the Settings Menu enter the advanced setting menu. You will need to enter a password to proceed – the default password is "1919". Use the **UP** and **DOWN** buttons to change the number and press the **MENU** button to advance to the next digit. When you have finished entering the password press the **MENU** button to advance to the advanced settings.



Wheel

Press the **UP** and **DOWN** buttons to change the wheel size setting. This will not need to be changed unless you are putting different diameter wheels on your bike. Options for diameter are 12/14/16/18/20/22/24/26/27/27.5/28/29/30/31 inches.



Speed Limit

Use the **UP** and **DOWN** buttons to change the speed limit. Range is from 10km/h-60km/h. Default value is 25 km/h. Note that although you may have a speed limit set the bike may not be able to reach those speeds due to limitations of the motor and controller.



Speed Poles

This item is unable to be changed and is correctly set from the factory.

Start Poles

This item is unable to be changed and is correctly set from the factory.

Assist Levels

Press the **UP** and **DOWN** buttons to change the amount of PAS levels the bike will have. This can be set as 3 levels/5 levels/9 levels.



Enabling PIN to start function

In the advanced setting menu select NEXT with the **UP** and **DOWN** buttons and press the **MENU** button with it selected. You will now be in the menu for setting a password for the display to power on. Select PIN ON to turn this function on and off.

With the PIN ON function turned to ON you can then select the Pin Num function. This is where you set the PIN required for the bike to start up. **IF YOU FORGET YOUR PIN NUMBER YOU WILL NEED TO REPLACE YOUR DISPLAY SO RECORD THE NUMBER SOMEWHERE SAFE IF YOU WISH TO USE THIS FUNCTION.**

Error Codes

This display can provide error messages when problems are occurring with the ebike. The Error Code icon will appear, and an error code will show up at the bottom of the display. For what the error code represents consult the table below.

Error Code	Error Description	Error Display
0x01	Normal	No error
0x03	Brake signal	No error
0x04	Throttle on high position	Display 04H on LOGO position
0x05	Throttle Error	Display 05H on LOGO position
0x06	Low voltage protection	Display 06H on LOGO position
0x07	High voltage protection	Display 07H on LOGO position
0x08	Motor hall sensor error	Display 08H on LOGO position
0x09	Phase line of motor error	Display 09H on LOGO position
0x10	Controller over temperature	Display 10H on LOGO position
0x11	Motor over temperature	Display 11H on LOGO position
0x12	Current Sensor error	Display 12H on LOGO position
0x13	Battery Temperature sensor	Display 13H on LOGO position
0x14	Motor temperature sensor error	Display 14H on LOGO position
0x15	Controller temperature sensor error	Display 15H on LOGO position
0x21	Speed sensor error	Display 21H on LOGO position
0x22	BMS communication error	Display 22H on LOGO position
0x23	Head light error	Display 23H on LOGO position
0x24	Head light sensor error	Display 24H on LOGO position
0x25	Torque sensor error – torque	Display 25H on LOGO position
0x26	Torque sensor error – speed	Display 26H on LOGO position
0x30	Communication error	Display 30H on LOGO position