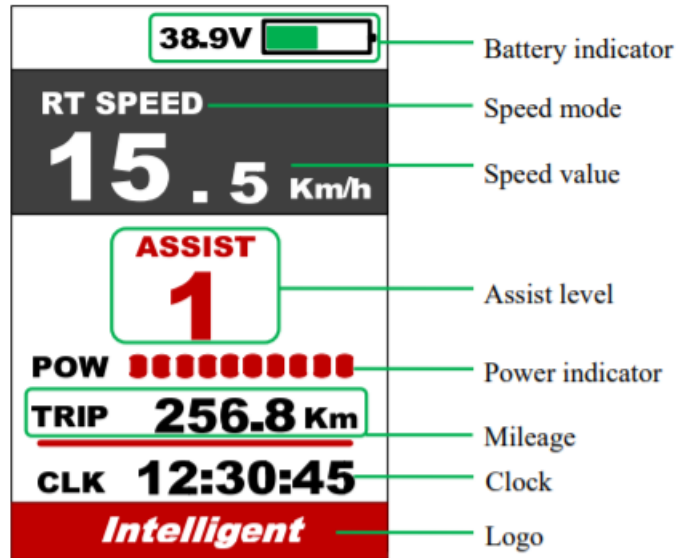
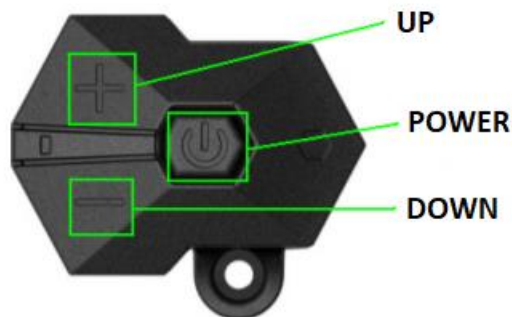


LCD Display



Control Pad Description



Normal Operation

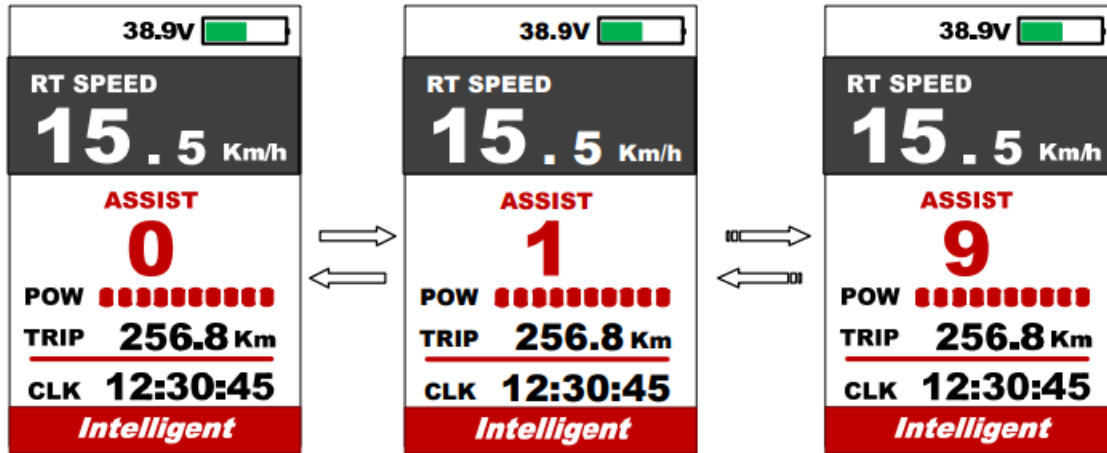
Power On/Off

Press and hold the **POWER** button to turn on/off the display. The display will automatically shut down when there is no operation or riding for X minutes (X can range from 0-9, default setting is 5)

*If the display has been set to require a password for powering on you will need to input the correct password before starting.

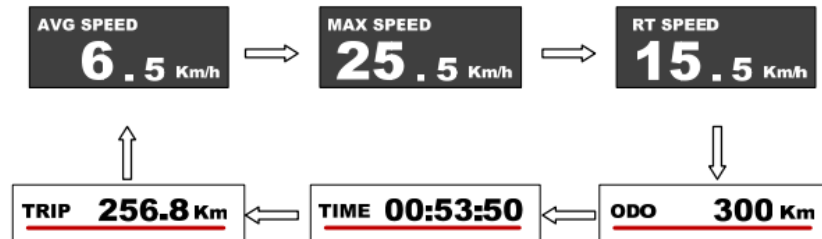
PAS Level Operation

Press the **UP** button to go up one assist level. Press the **DOWN** button to go down an assist level. The highest assist level that can be used in 5. Level 0 will give no motor assistance. The number of assist levels can be customized in the user settings.



Speed & Mileage mode switch

Short press the **POWER** button and you can change the speed and mileage mode: AVG SPEED→MAX SPEED→RT SPEED→TRIP→ODO→TIME.

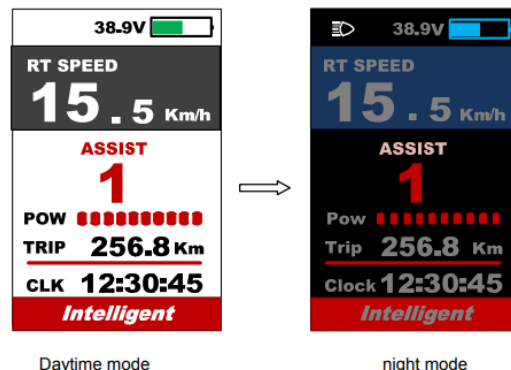


**If there is no operation for 5 seconds, display will return Speed (Real-Time) display automatically.

Headlight/backlight Operation

Press and hold the **UP** button to turn on/off the headlight. As well, the screen will switch to the corresponding mode.

*The motor does not work when the battery voltage is low. However, the display will still keep the headlight on for a short amount of time while riding.

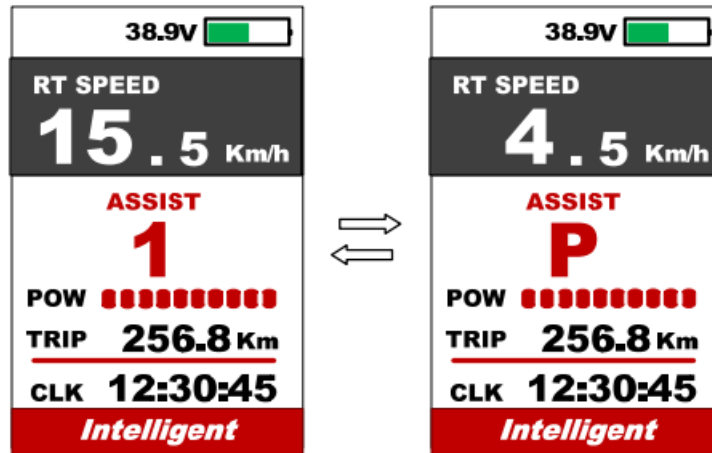


Daytime mode

night mode

Walking mode (6km)

Press and hold the **DOWN** button to enter walking mode. This will move the bike forward at a speed of 6 km/h. Exit from this mode by releasing the **DOWN** button.



Data cleanup

Press and hold the **UP** and **DOWN** buttons together for to reset the AVG Speed/MAX Speed/Trip/Time data.

* This temporary data cannot be erased by powering off the display.

Parameter setting

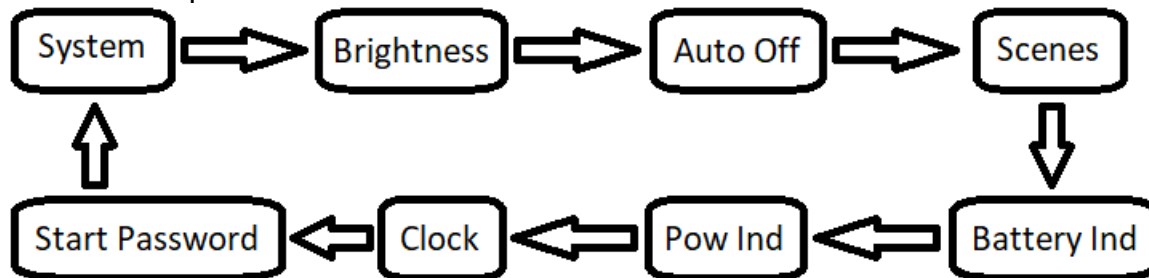
Double press the **POWER** button to get into the settings menus. Press the **UP** and **DOWN** buttons to change the parameter. Press the **POWER** button to switch to the next item. Double press the **POWER** button to exit from the menu.

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

* For safety reasons, the display cannot enter this menu when riding.

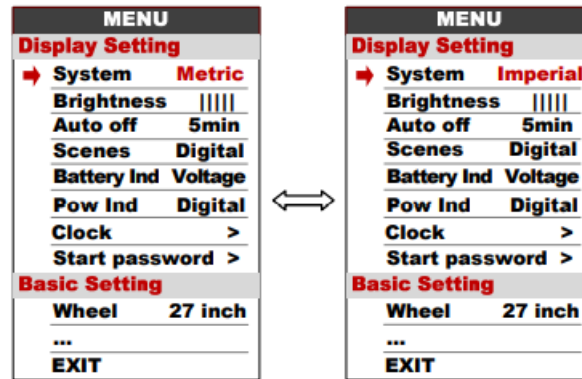
* The display will exit this menu when you start riding.

The order of parameters are as follows:



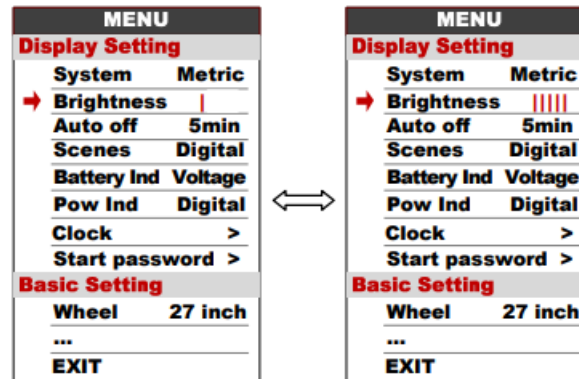
System

Press the **UP** and **DOWN** buttons to switch between Metric / Imperial.



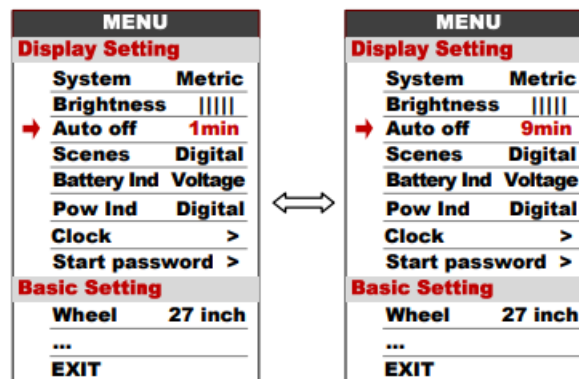
Brightness

Press the **UP** and **DOWN** buttons to change the brightness of the display backlight. | is darkest, ||||| is the brightest. default value is 1.



Auto off

Press the **UP** and **DOWN** buttons to change the auto power off time, from 1 to 9. The number represents time (minutes) until automatic shutdown. Default value is 5 minutes.



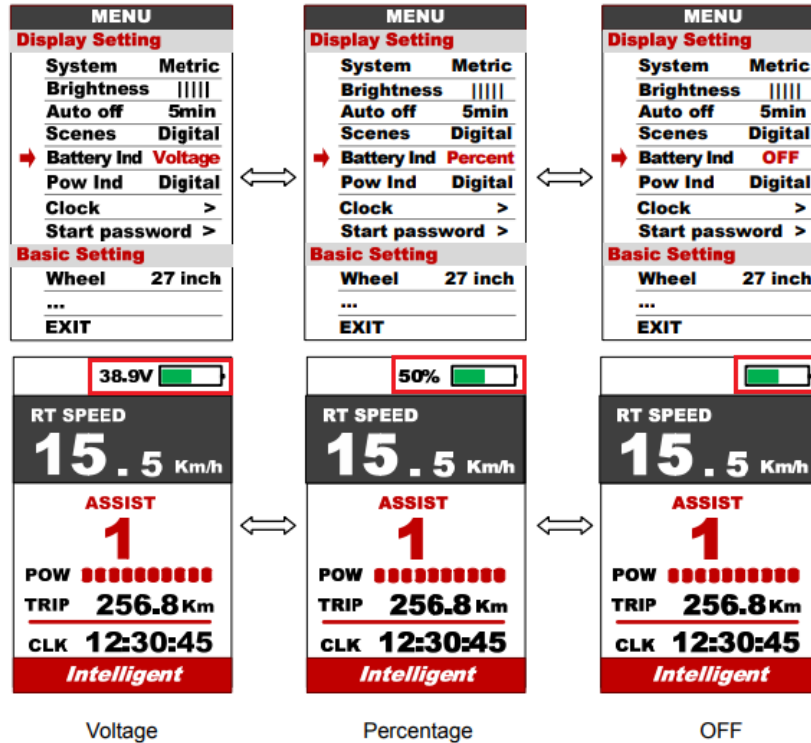
Scenes

This function is not supported by our controller/display combination

Battery Ind

Press the **UP** and **DOWN** buttons to change the battery indicator to either Voltage/Percentage/OFF.

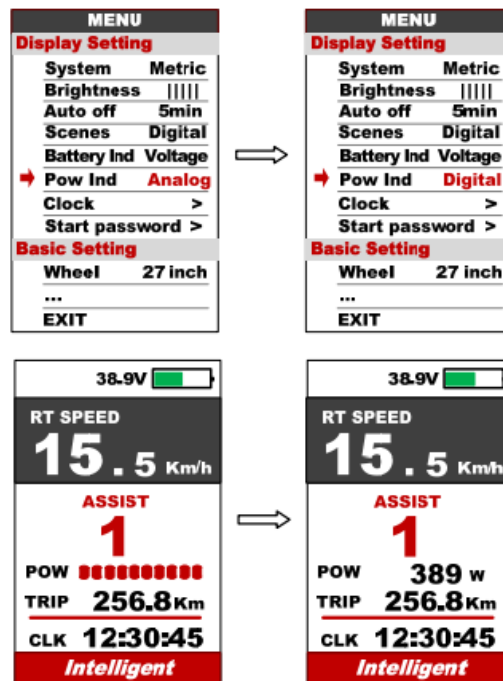
*Accurate percentage needs communication with the battery.



Pow Ind

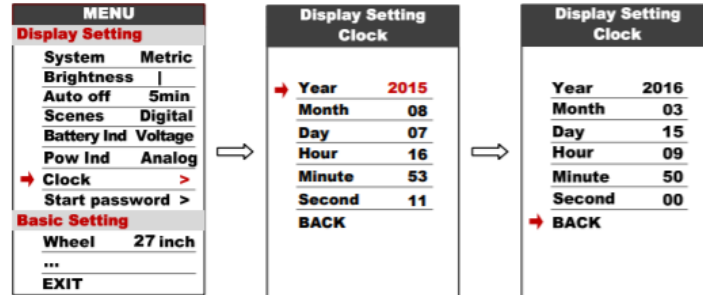
Press the **UP** and **DOWN** buttons to change the Power indicator, Analog/Digital.

* This data represents power output of the battery (not motor).



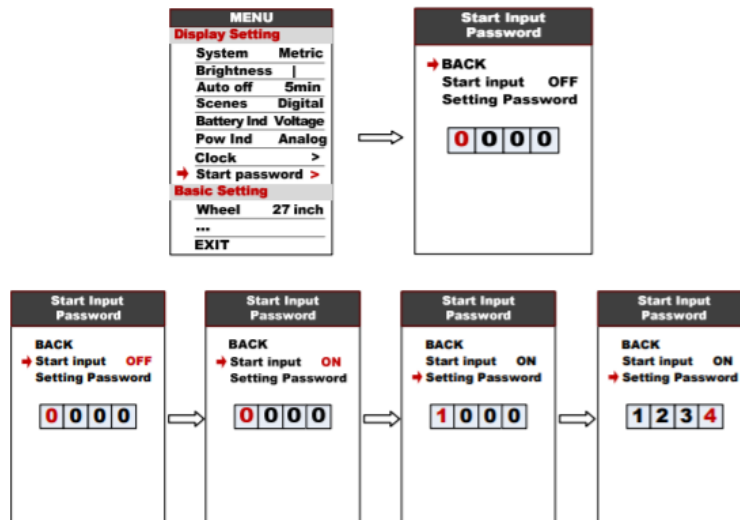
Clock

This will set the time of the clock on the display. Press the **POWER** button to enter the clock setting menu. Press the **UP** and **DOWN** buttons to set the Year/Month/Day/Hour/Min/Sec. When you are done setting the piece of time press the **POWER** button to advance to the next one ie after you set the year press the **POWER** button to go from Year to Month.



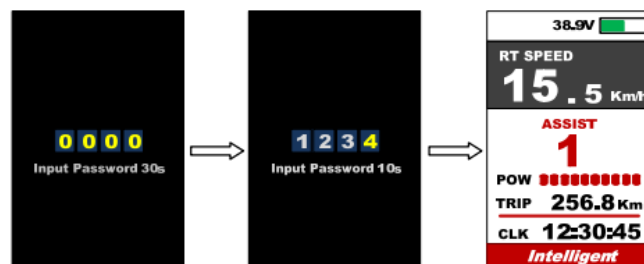
Start password

Press the **POWER** button enter the password setting menu. If you set Start input to ON, you must input the correct password before powering on the bike. That password is set by you in this menu.

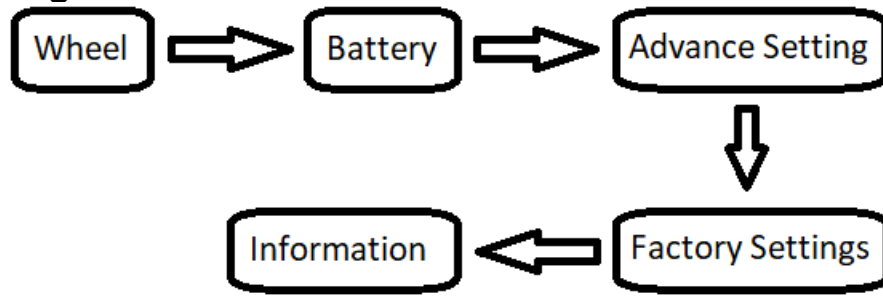


Use the **UP** and **DOWN** buttons to change the number. Use the **POWER** button to confirm your selection and advance to the next digit. Press the **POWER** button when all digits are set to save your password selection and finalize setting it.

You need to input the correct password before powering on the bike within 30 seconds. The display will power off automatically if the password is wrong.



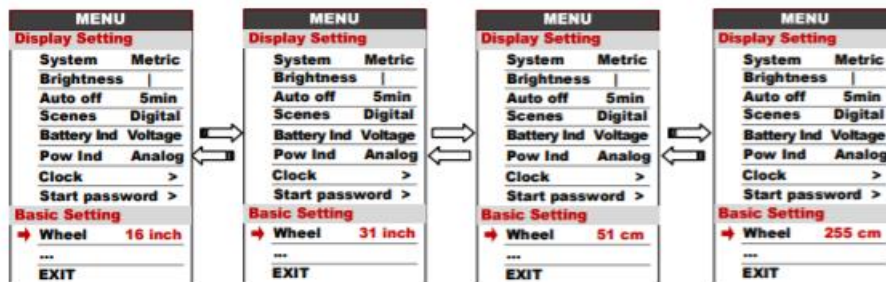
Basic Setting



*Press the **DOWN** button to move the red arrow to **Wheel**, then press the **POWER** button to show all items of the Basic Setting.

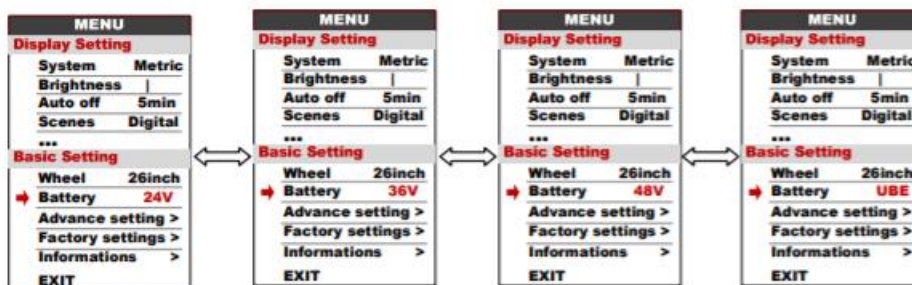
Wheel

Press the **UP** and **DOWN** buttons to change the wheel diameter used by the controller for speed and distance. The options for wheel diameters are 16/18/20/22/24/26/27/27.5/28/29/30/31 inches. 51cm~255cm represents wheel circumference.



Battery

Pressing the **UP** and **DOWN** buttons to change battery voltage setting. Options are 24V/36V/48V/UBE, UBE means user defined value. You do not need to alter this setting.



USB Port

This setting can be changed to allow the USB port on the display to charge external devices. Can be set to ON or OFF using the **UP** and **DOWN** buttons.

Light Sensor

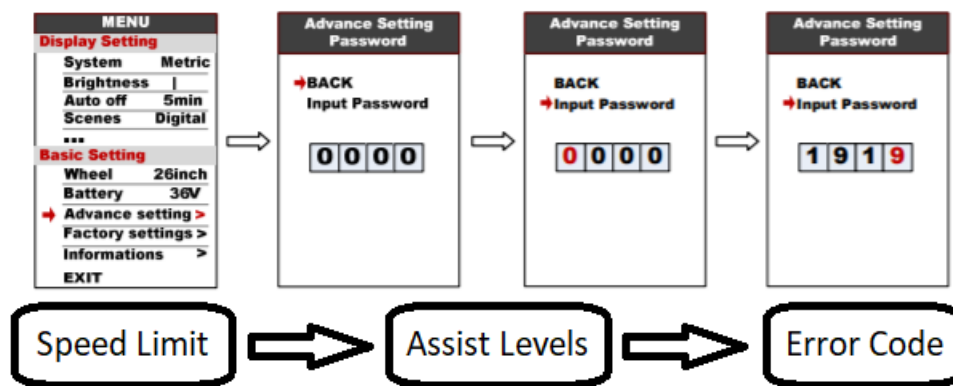
This setting allows you to turn the light sensor on and off. That sensor detects the ambient light and will automatically turn on or off the headlight when it is dark outside.

Sensor: Use the **UP** and **DOWN** buttons to switch this between ON or OFF. Turning this off will result in the headlights not turning on and off based on ambient light.

Sensitivity: Use the **UP** and **DOWN** buttons to change the sensitivity of the ambient light sensor. This will make the sensor more or less sensitive to changes in ambient light.

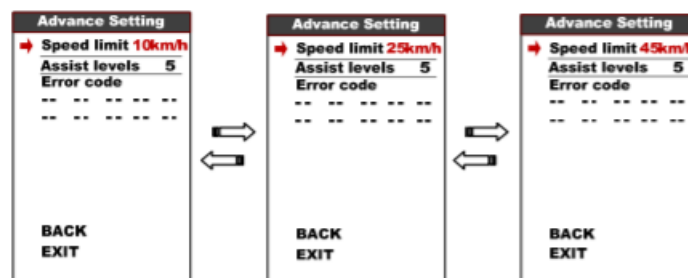
Advance setting

Press the **POWER** button to enter the advance setting menu. The default password for this menu is '1919'.



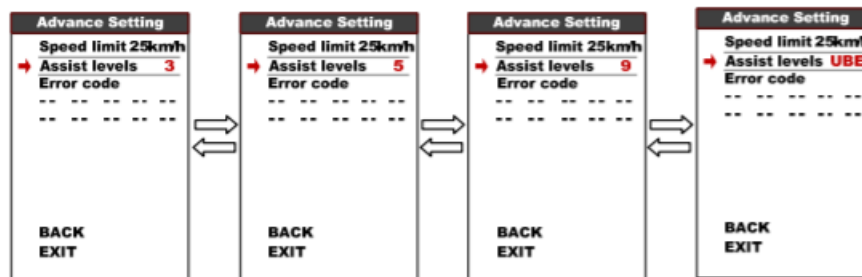
Speed limit

Press the **UP** and **DOWN** buttons to change the motors speed limit. The range is 10km/h~45km/h. Default value is 25km/h.



Assist levels

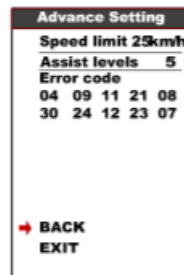
This parameter allows customization of the assist levels. Options are 3/5/9/UBE. UBE represents default factory settings.



3 Levels	5 Levels	9 Levels
0		0
	1	1
		2
1	2	3
		4
	3	5
2		6
	4	7
		8
3	5	9

Error code


Displays the last 10 error codes.



Factory setting

Press the **POWER** button enter the Restore Factory settings item, select YES to restore all parameters to factory settings.

Error Code Definitions

The 850C display can show warning messages. The engine icon  will be displayed on the screen, and error codes are shown at the bottom of the screen. Error codes are from 01~07, for definitions see the table below. If you cannot resolve the error, contact Biktrix support.

Error Code	Error Description	Troubleshooting
01	Communication Error	Check cable connection
02	Controller protection	Check three-phase power line
03	Three-phase power error	Check three-phase power line connection
04	Battery low	Charge the battery
05	Brake Error	Check the brake connection
06	Throttle error	Check throttle connection
07	Hall error	Check the hall sensor connector