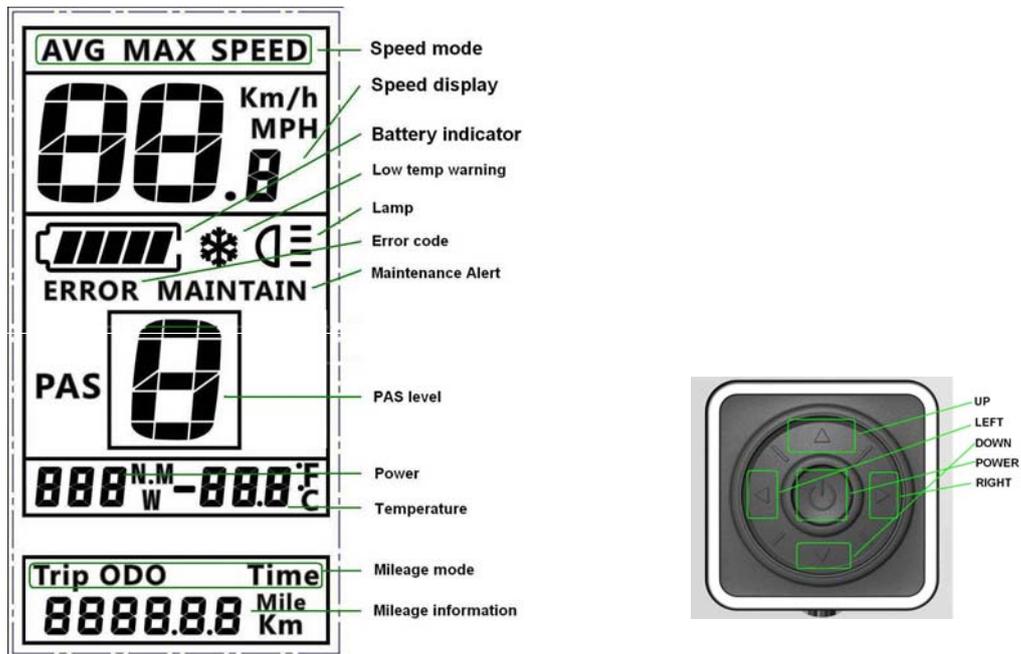




## 1 LCD instructions

The figure of LCD display see below:



### 1.1 Power On/Off

Press and hold **Power** button for 2 seconds can turn on/off the Meter. The Meter will automatically shut down when there is no operation or riding for 5 minutes.

### 1.2 Pedal Assist (PAS) opera

Short press **UP/DOWN** button can change the PAS level. The Default setting when the system powers on is Level "0" or PAS off. Levels 1-5 will make PAS active

### 1.3 Speed mode switch

Short press **LEFT** button can change the speed mode, **Speed->AVG Speed->MAX Speed**.

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

### 1.4 Mileage mode switch

Short press **RIGHT** button can change the mileage mode, Trip->ODO-> Time.

### 1.5 Headlight/backlight On/Off

Press and hold **UP** button for 2 seconds can turn on/off the headlight/backlight.

The motor does not work when the battery voltage is low, meter still can keep the headlight on for a while when E-bike is in riding.

*\*At the automatic light sensor mode, press and hold the **UP** button can turn on the backlight / headlights. If automatic light sensor had opened the backlight / headlight, press and hold the **UP** button can not turn it off. First you should turn off the automatic sensor mode in meter settings, and then turn off the light manually.*

### 1.6 6km walk

Press and hold **DOWN** button for 2 seconds can get into 6km walk mode, out of the mode when release the button.

### 1.7 Data cleanup

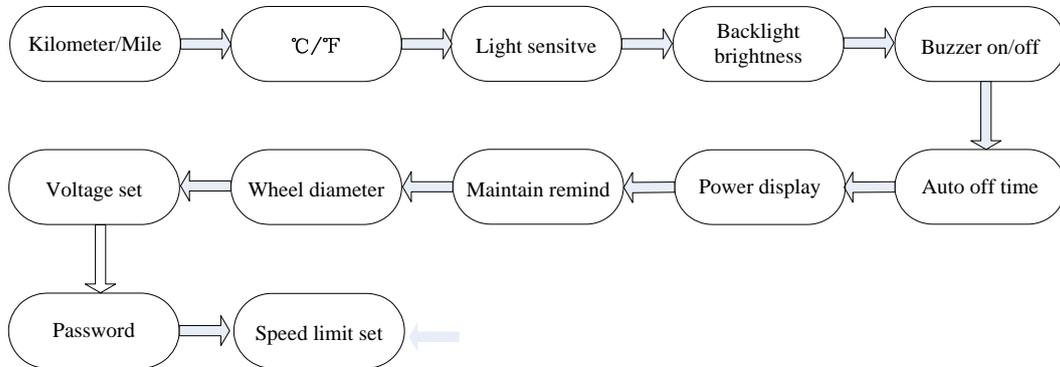
Press and hold **RIGHT** button for 2 seconds can cleanup the several temporary data, the temporary data include **AVG Speed / MAX Speed / Trip / Time**.

## 2 Parameter settings

Double press **POWER** button (press interval less than 0.3 second), the Meter get into parameter setting state, the current parameter flashing, short press **UP/DOWN** buttons to set the parameter values, short press **LEFT/RIGHT** buttons to switch the parameters, short press **POWER** button to exit the parameter setting state. The meter will automatically exit

the parameter setting state when there is no operation for 10 seconds.

The order of parameter settings are as follows



**2.1 Kilometer / Mile** : The location of speed display symbol **S7**, press **UP/DOWN** button rotate display the symbol **km/h / MPH (Km / Mile)**.

**2.2 °C/°F** : the location of speed display symbol **CF**, press **UP/DOWN** button rotate display the symbol **°C / °F**.

**2.3 Light sensitive** : The location of speed display symbol **bL0**, press **UP/DOWN** button display symbol **0~5**, **0** indicate automatic headlight/backlight **OFF**. **1~5** indicate automatic headlight/backlight **ON**. **1** indicates the brightest on (auto turn on the backlight at bright environment), **5** indicates the darkest on (auto turn on the backlight at dark environment).

**2.4 Backlight brightness** : The location of speed display symbol **bL1**, press **UP/DOWN** button display symbol **1~5** to change the brightness of the backlight.

**2.5 Buzzer on/off** : The location of speed display symbol **bEP**, press **UP/DOWN** button rotate display symbol **0/1**, **0** indicates buzzer off, **1** indicates buzzer on.

**2.6 Auto off time** : The location of speed display symbol **OFF**, press **UP/DOWN** button display symbol **1~9**, represent automatically shutdown delay time (minutes), default value is 5 minutes.

**2.7 Power display** : The location of speed display symbol **Pod**, press **UP/DOWN** button display symbol **0/1**, represent whether to show the power indicate on LCD.

**2.8 Maintain remind** : The location of speed display symbol **nnA(ma)**, press **UP/DOWN** button rotate display symbol **0/1**, **0** represent maintain reminding off, **1** represent maintain reminding on.

**2.9 Wheel diameter** : The location of speed display symbol **Wd**, press **UP/DOWN** button rotate display the symbol **16/18/20/22/24/26/700C/28/29**, value represents the diameter of the wheel (inch).

**2.10 Password/Speed limit set** : The location of speed display symbol **PSd**, remind to input passwords, press **UP/DOWN** buttons to setup password value (0~9), press **LEFT/RIGHT** buttons to switch the password item, password is 4 digits, the default password is "1919". Press **POWER** button when password adjustment is completed. Meter will return to the **Voltage set** item if the password is incorrect. Correct password will enter the **Speed limit set** item.

**2.11 Speed limit set** : The location of speed display symbol **SPL**, the location of mileage display speed limit value, the default value is **32km/h**. Press **UP/DOWN** buttons to adjust the speed limit value, speed limit value can be adjust from 10 to 99km/h. Press **POWER** button to confirm when you finish the adjustment.

## 10 Error Code

800U meter can give warning when E-bike has error, LCD display **error** icon and error code in speed position, display **Ex**, x=1~7, definition see the table below.

Error Code	Error description	Handle
0x01	Communication Error	Check the cable connection
0x02	Controller protection	Check three-phase power line.
0x03	three-phase power error	Check three-phase power line connection
0x04	Battery low	Charge the battery
0x05	Brake error	Check the brake connection.
0x06	Turn error	Check turn to connect.
0x07	Hall error	Check the hall connection
0x08-0x0F	Reserved	

## 11 Assembly instructions

There are two installation methods for the clamp, forward or backward, according to user's demands.



## 12 Warning

There is waterproof membrane inside the sound hole. Don't insert sharp object into the hole, it will cause waterproof failure.

Sun exposure may cause high temperature indicate, this is not meter's failure.

