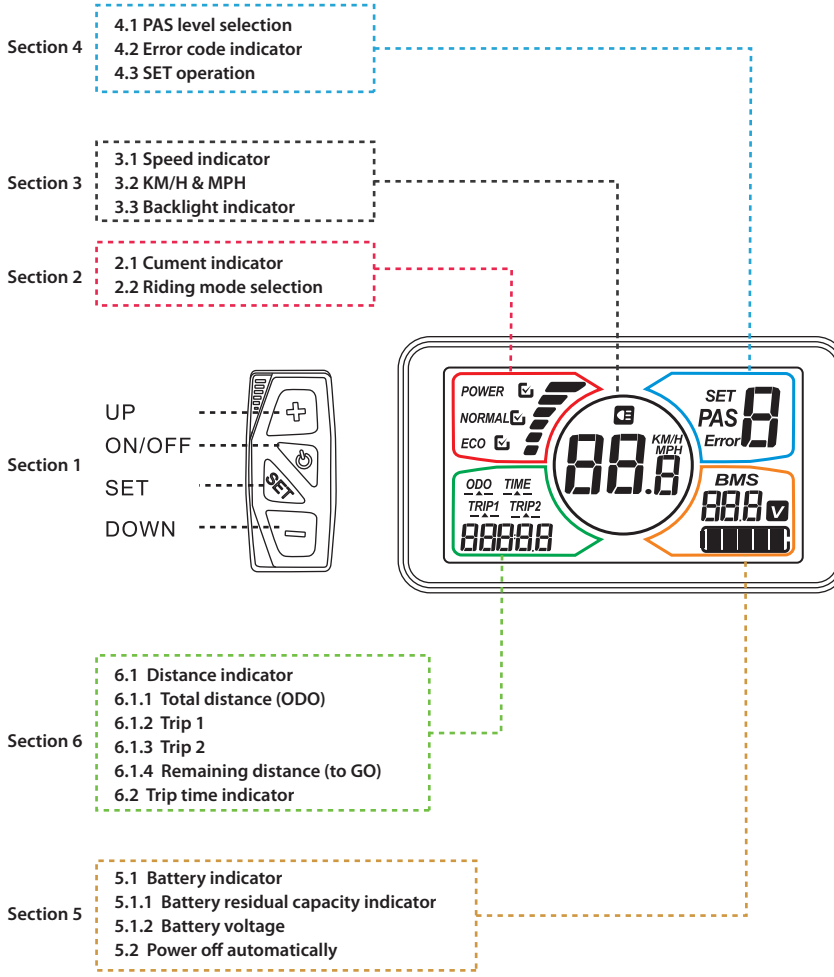
Manual Display
C6

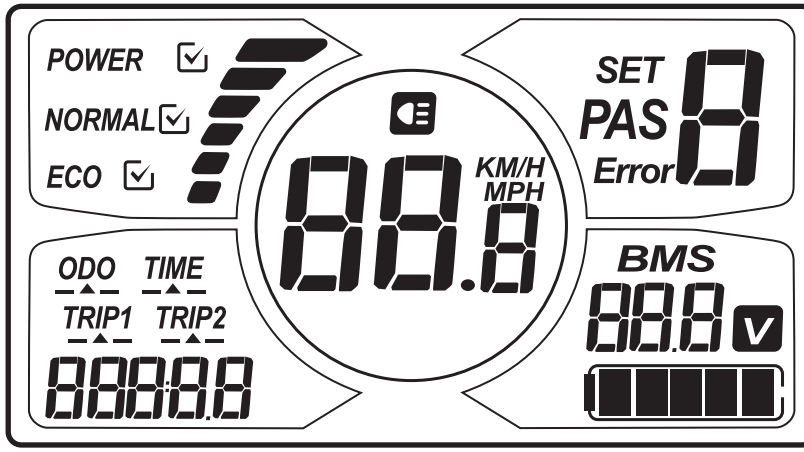
LEISGER
Immer Cool Bleiben

BB-LEISGER International GmbH

Function Display
NORMAL OPERATION

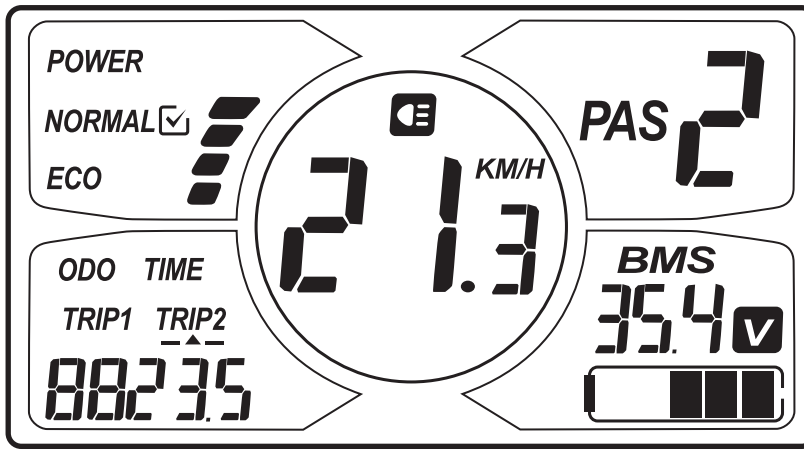


Full View Area



Normal View Area

With the display on ,the default indicators are riding speed、 trip 2、 PAS level、 battery indicator as shown in fig below. Press SET to switch the display information.



Section 1: ON/OFF

Press ON/OFF then the display is activated. The display will provide powerfor the controller. Press ON/OFF again to open the backlight. With display on, press ON/OFF for 3 seconds to turn off power. With the display off, there is no battery power consumption. The leakage current is no more than 2μA.

※The panel will auto matically power-off when speed is 0km/h for 5 minutes.

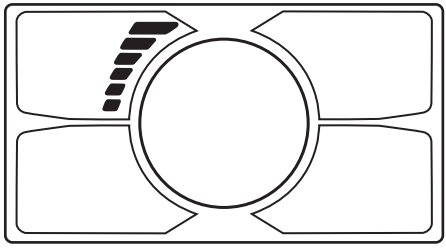
Section 2:

2.1 CURRENT INDICATOR

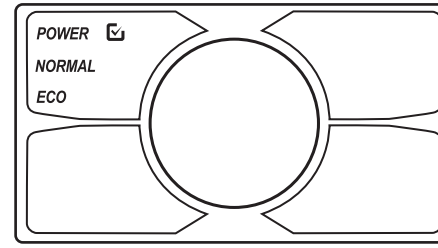
It represents the discharging current of the controller currently, each segment is 2A, six segments are>=12A.（Figure 4）

2.2 RIDING MODE SELECTION

There are three modes for riding mode selection, including POWER， NORMAL and ECO. The default option is POWER.（Figure 5）



（Figure 4）



（Figure 5）

Section 3:

3.1 SPEED INDICATOR

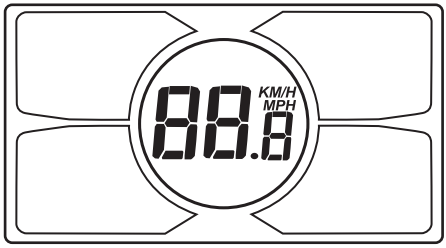
The speed indicator is as below， user can select KM/H or MPH in SET 3.（Figure 6）

3.2 KM/H & MPH

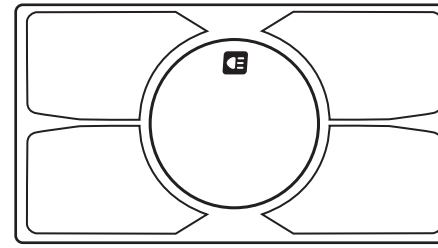
Select KM/H or MPH for measurement, the display will indicate the matched speed and mileage.

3.3 BACKLIGHT INDICATOR

With the display power on, click ON/OFF can turn on the backlight. Click it again can turn off the backlight.（Figure 7）



（Figure 6）



（Figure 7）

Section 4:

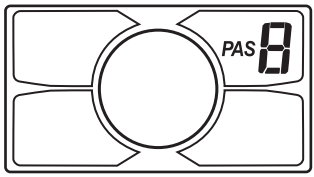
4.1 PASLEVEL SELECTION

Click UP or DOWN to change the PAS level and change the output power, the default mode is mode 0 and its output power ranges from level 0 to level 6.（Figure 8）

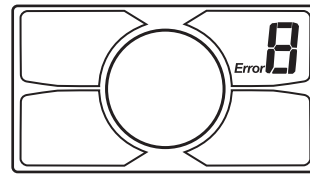
4.2 ERROR CODE INDICATOR

If there is something wrong with the electronic control system, the display will flash at 1 HZ and show the error code automatically. Different error code represents different fault information, the details of Error code table are as represented on the Page 16.（Figure 9）

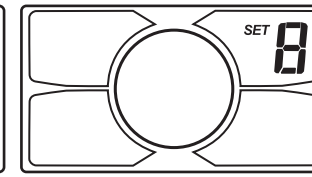
※The display can not return to normal status until the problem is solved. And e-bike will not run before solving the problem.



（Figure 8）



（Figure 9）



（Figure 10）

4.3 SET OPEARATION

Hold the SET for 2 seconds and enter into the setting interface, then Number 0 keeps lighting, the display will flash at 1 HZ. Click the SET to switch from 0 to 4 circularly to set interface, click UP or DOWN to select the needed parameter, and press the SET for 1 second will exit the setting interface.（Figure 10）

4.3.1 SET0: Riding mode selection

There are three modes for selection: POWER、NORMAL、ECO.

4.3.2 SET1: Reset trip1 distance

Click the DOWN to reset the trip1, then the TRIP1 icon will flash at 1 HZ, meanwhile the trip 1 will be cleared.

4.3.3 SET2: Wheel diameter setting

Select the accurate wheel diameter value to ensure the accuracy of speed and mileage on the display.

4.3.4 SET3: KM/H & MPH

Select KM/H or MPH for measurement, the display will indicate the matched speed and mileage.

4.3.5 SET4: Quantity of speed magnetic steel selection

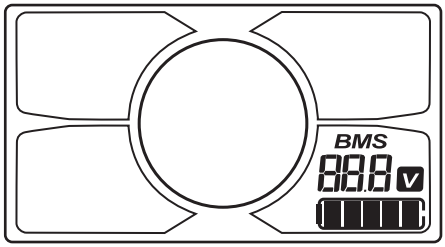
Select the quantity of speed magnetic steel to know how many speed signals the magnetic sent in one circle.

Section 5:

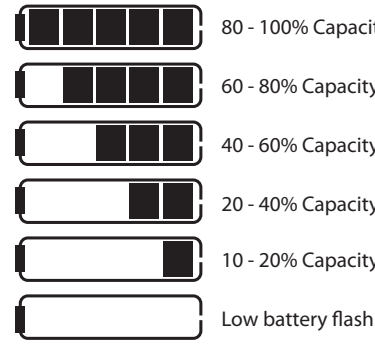
5.1 BATTERY INDICATOR.（Figure 11）

5.1.1 Battery residual capacity indicator

The battery capacity viewing area have five segments, each segment represent 20% battery capacity. When the capacity is full, the five segments are all light up. If the battery capacity is low, the battery viewing area will flash, it indicates that the battery is severely insufficient and need to be recharged immediately.（Figure 12）



（Figure 11）



（Figure 12）

5.1.2 Battery Voltage

It displays the current voltage of the battery.

5.2 POWER OFF AUTO MATICALLY AFTER 5 MINUTES

When the riding speed is 0 km/h for 5minutes, the system will power offautomatically.

Section 6:

6.1 DISTANCE INDICATOR

With the display on, press SET to switch the mode to select ODO, trip 1 and trip 2.

6.1.1 ODO

The ODO records the driving mileage from start using, the accumulated value cannot be cleared.

6.1.2 Trip1

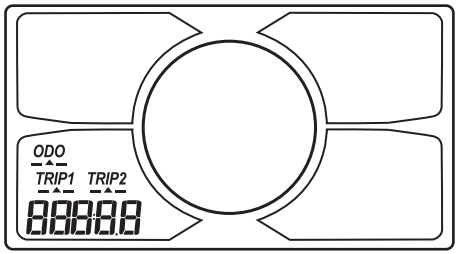
when the riding mileage >=500km, Trip 1 will be reset automatically. The value will be accumulated without resetting.

6.1.3 Trip2

Trip 2represents the last driving distance for 30 s after turning on the display, it can be reset automatically and start to record the current distance.

6.2 TRIP TIME INDICATOR

The riding time parameter is automatically reset after shut down.（Figure 13）



（Figure 13）

2.2 ERROR CODE TABLE

The error code is corresponding with the fault definition.

Error code	definition
0	normal
1	Current error or MOS damaged
2	Throttle error(detection after turning on)
3	motor without phase position
4	Hall error
5	Brake error(detection after turning on)
6	Under voltage
7	Motor stalling
8	communication controller receiving error
9	communication display receiving error