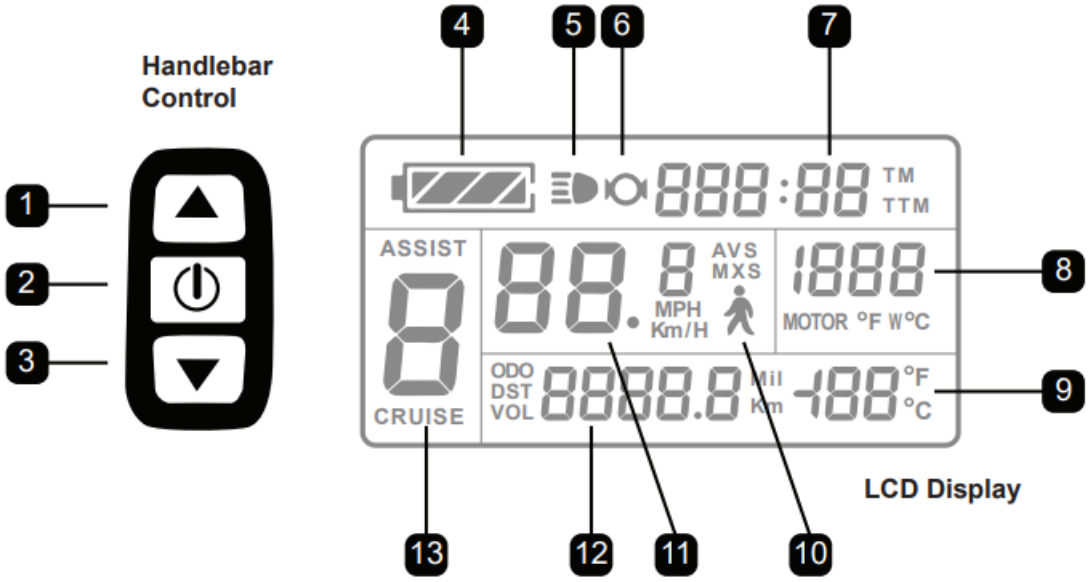
Cycusher KT-LCD3 Computer User Manual

Contents

Cycusher KT-LCD3 Computer

TECHNICAL SYMBOL DEFINITION


Handlebar
Control
1
2
3
4
5
6
7
8
9
10
11
12
13
ASSIST
CRUISE
MPH
Km/H
AVS
MXS
MOTOR °F W°C
ODO
DST
VOL
Mil
Km
°F
°C
TM
TTM
LCD Display

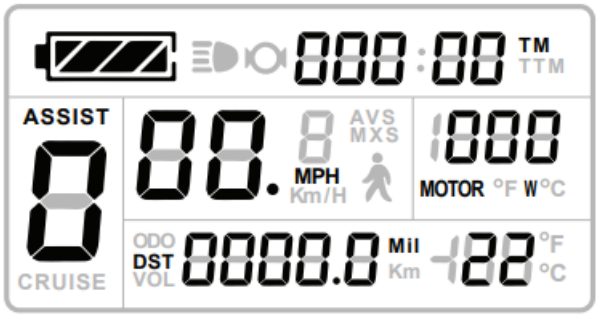
1		Up Button	10		6 Km/h Push Power Assist.
2		SW Button	11	**KM/H**	Riding Speed (metric)
3		DOWN Button		**MPH**	Riding Speed (imperial)
4		Battery capacity indicator		**MXS**	Max Speed
5		Backlight and headlights		**AVS**	Average Speed
6		The brake display	12	**Km**	Distance (metric)
7	**TM**	Single trip time		**Mil**	Distance (imperial)
	TTM	Total trip time		**DST**	Trip Distance
8	**MOTOR W**	Power display		**ODO**	Total Distance
	MOTOR °C	Motor Temperature		**VOL**	Battery Voltage
	MOTOR °F	Motor Fahrenheit	13	**ASSIST**	PAS Level
9	**°C**	Environment temperature		**CRUISE**	Cruise Mode
	°F	Environment Fahrenheit			

There are total 3 Levels Operation Setting:

- Regular/P Levels/ C Levels, you can only follow
- Regular > P Levels > C Levels setting.
- You can not jump one of them and direct go the P or C Levels setting.

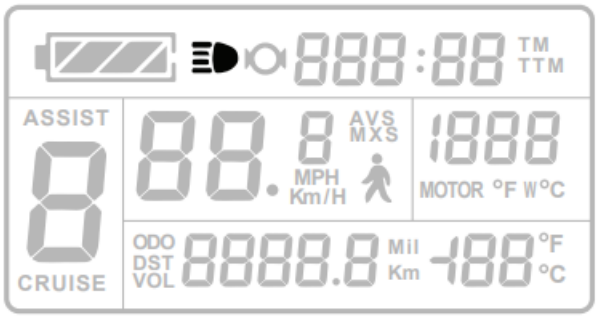
REGULAR OPERATIONS SETTINGS

1) Turn on/ Turn off the bike computer:



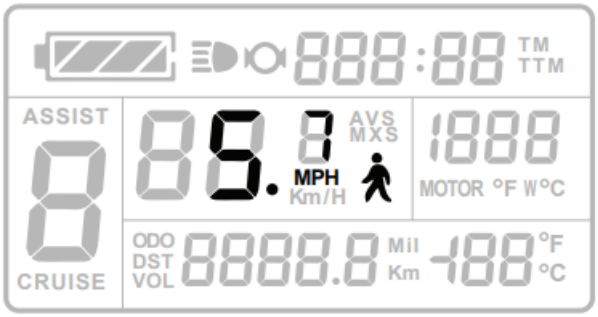
Press  for seconds to turn or turn off the bike computer; if the motor stops for over 5 minutes without any movement and the bike computer will automatically shut down.

2) Turn on/ Turn off the bike front light:



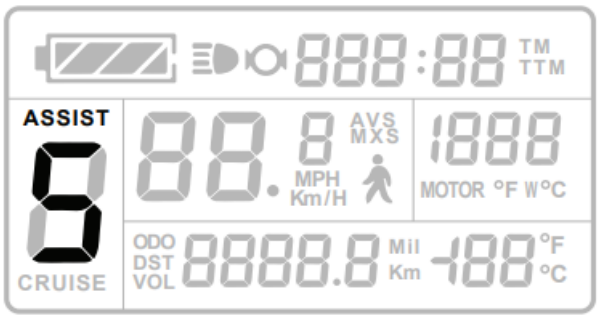
After turning on the computer and press  for 3 seconds to turn on or turn off the front light.

3) Activate Walk Mode



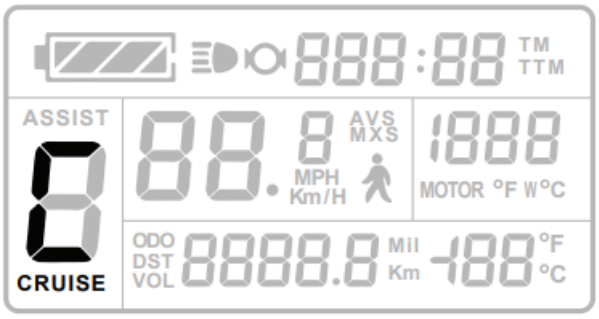
After turning on the bike computer and pressing  for 3 seconds to activate the walk mode, release the button, and walk mode will be automatically canceled.

4) Select PAS Levels



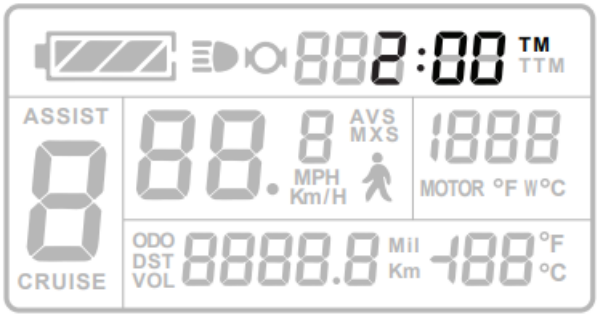
Press to increase the PAS level (Assist 1-5) Press to decrease PAS level (Assist 5-1)

5) Activate Cruise Control



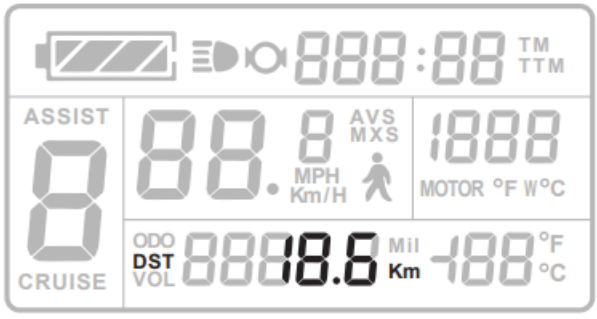
Riding at a speed above 7 km/h, hold the for 3 seconds to activate cruise control. Use the break to cancel the cruise control.

6) AVS/MAX/TM/TTM/DST/ODO/VOL CHECKING:

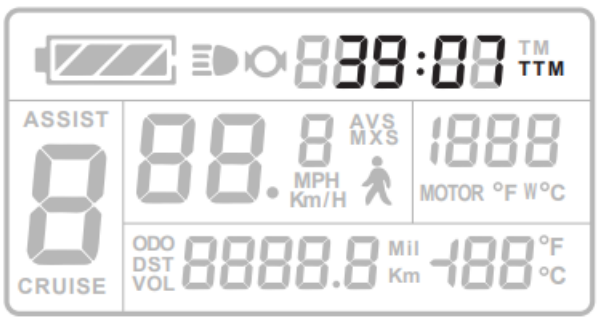


After turning on the bike computer and press one time to switch and check data of AVS/MAX/ TM/TTM/DST/ODO/VOL

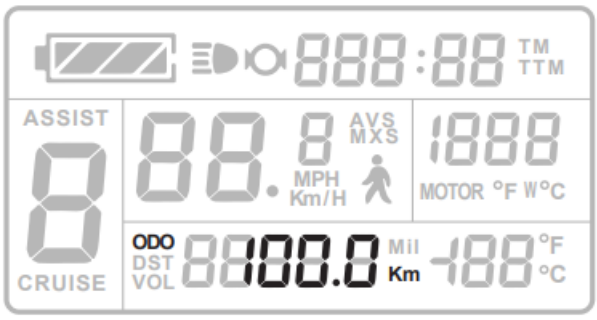
- **Single Riding Time**
- **Single Riding Distance**



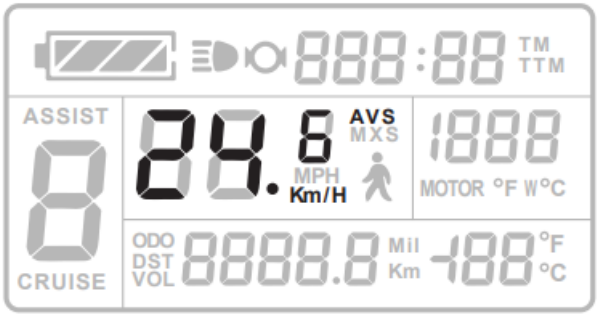
- **Total Riding Time**



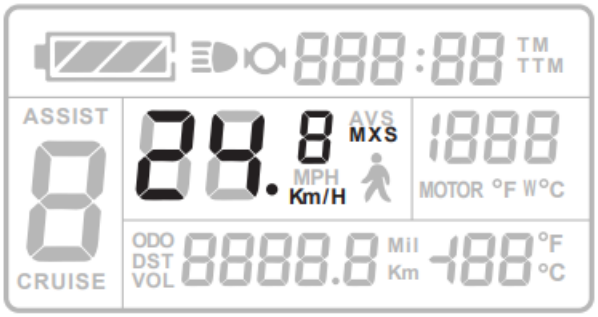
- **Total Riding Distance**



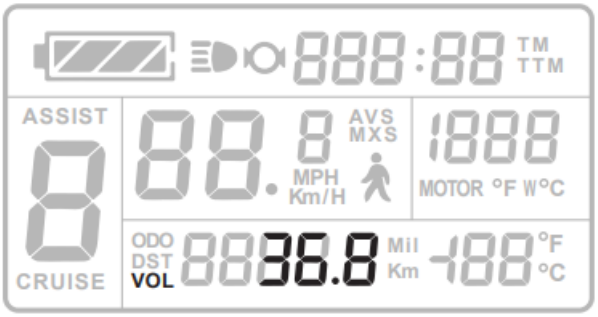
- **Single Riding Average Speed**



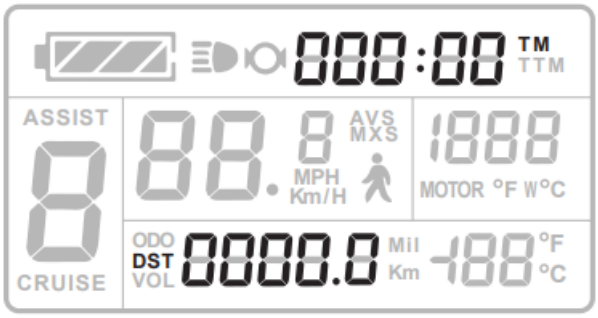
- **Single Riding Max Speed**



- **Motor Working Voltage**

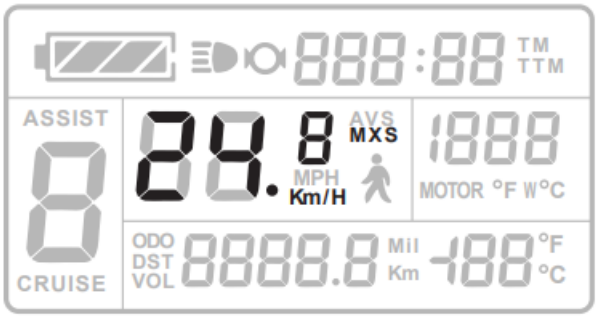


7) Clear Single Trip Distance and Riding Time



Press ▲ + ▼ together for 2 seconds after turning on bike computer over 5 seconds. When you see LCD image-TM and DST are flashing as below and press ⏻ to clear the TM and DST data.

8) Set Max Speed Limit



Range: 1-72KM XF800 default setting code is 72KM (which means no limit on speed) Press + together for 2 seconds after turning on bike computer within 5 seconds. When see the max speed is flashing as image below and press or to change the Max speed setting. and the default Max speed for XF800 is 72KM/H; However, the real speed limit of e-bike is controlled by motor and controller. You can only set the bike computer speed limit within the given the range fixed by motor and controller. For example, if the motor and controller fixed top speed limit is at 40KM/H, you can only set lower top limit such as 35KM/H, then the e-bike will keep run within the top speed limit — 35KM/H; If you set 50KM/H, the real top speed limit is only 40KM/H;

9) Set Wheel Rim Diameter

Range is 6-28 inch and 700C. XF800 default rim setting is 26 in. After setting Max Speed, press to switch wheel rim diameter setting. When you see the rim data is flashing, press or to change the data of rim diameter.

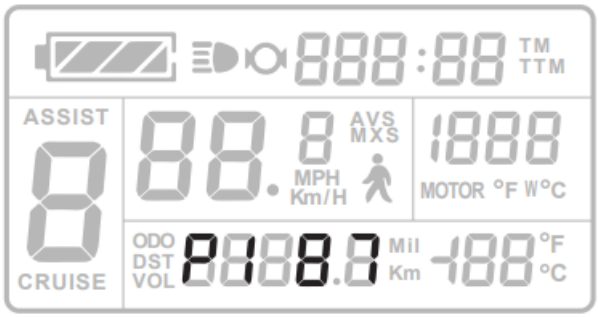
10) Speed Unit Preference Setting

After setting wheel rim diameter, press to switch speed unit changes setting. When you see the MPH/ Km/H and Mil/Km are flashing, press or to change Speed Unit you prefer. Please note above setting from 8 to 10, need to press one time or hold on for 2 seconds to turn off after each setting to save changed data. If no movement on setting button over 1 minute, the bike computer will go to the default working screen and all your changed setting data will not be saved.

P Level Setting Code Operation:

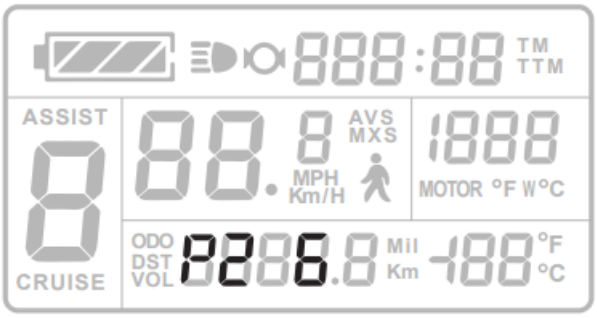
After Speed Unit Preference Setting, press + together for 2 seconds to enter the P Level Code setting model.

P 1: Motor Feature Setting



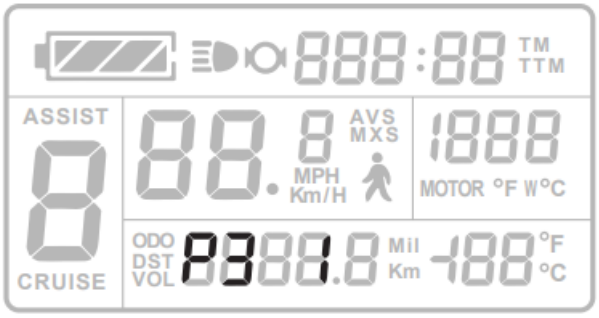
Range 1-255. XF800 default code is 87; When you see P1 is flashing, press or to change data required. This technical setting is only for engineer setting, do not modify or change the setting

P2: Wheelset Speed Pulse Setting



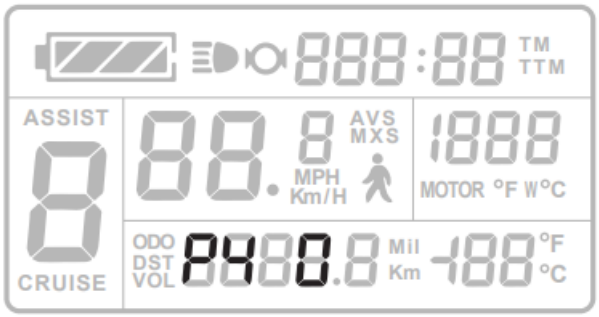
Rage:0-16, XF800 default code is 1; Press switch to P2, press or to change data required. This technical setting is only for engineer setting, do not modify or change the setting

P3: PAS Control Mode Setting



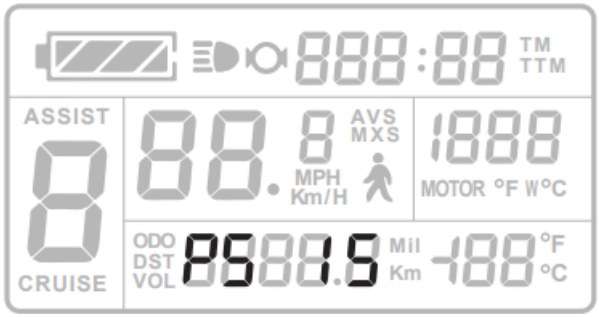
Range: 0-1 ; XF800 default code is 1; 0-Speed Control Mode; 1- Copying Torque Control Mode; Press switch to P3, press or to change data required. This technical setting is only for engineer setting, do not modify or change the setting.

P4: Throttle Active Mode Setting (Zero boost or Non-Zero Boost Setting)



Range: 0-1, 0 means zero boost; 1 means non zero boost. XF800 default code is 0; In the zero boost also called hard boost which means, once you use the throttle or pedal assistant, you get will push from the motor immediately; In non-zero boost, you have to use pedal first to move the e-bike to some certain speed and the throttle or PAS will be active. Press ⏻ switch to P5, press ▲ or ▼ to change data required.

P5: Battery Monitor Modes Setting



Range:0-40; XF800 default code is 15; 0—Real Time Battery Monitor mode; Other data is smart battery monitor mode Press ⏻ switch to P5, press ▲ or ▼ to change data required. This technical setting is only for engineer setting, do not modify or change the setting. Please note above setting from 8 to 10, need to press ⏻ one time or hold on for 2 seconds to turn off after each setting to save changed data. If no movement on setting button over 1 minute, the bike computer will go to the default working screen and all your changed setting data will not be saved.

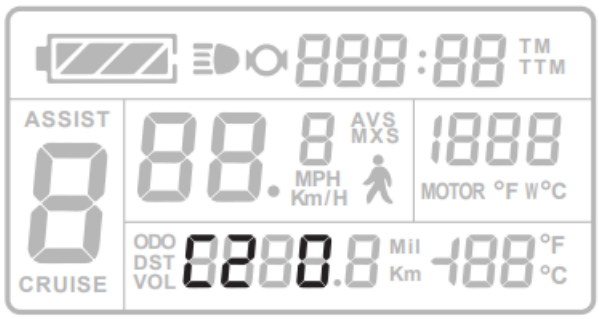
C Level Setting Code Operation

After P Level Setting, press ▲ + ▼ together for 2 seconds to enter the C Level Code setting model.

C1. PAS Sensor Sensitivity Setting

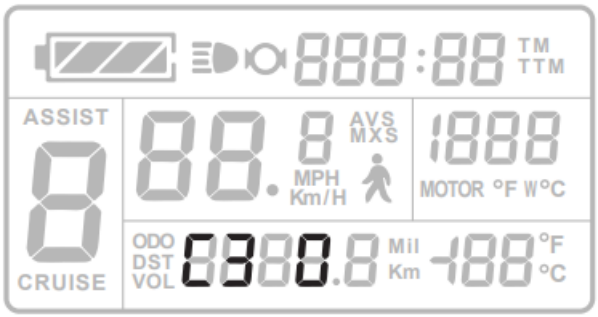
Range: 0-07; XF800 default code is 07;When you see C1 is flashing, press ▲ or ▼ to change data required. This technical setting is only for engineer setting, do not modify or change the setting.

C2. Motor Phase Setting I



Range: 0-7, XF800 default code is 0; Press switch to C2, press or to change data required. This technical setting is only for engineer setting, do not modify or change the setting.

C3.PAS Restart Memory Setting

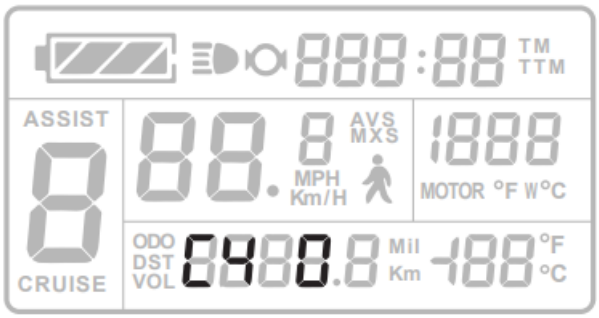


Range: 0-8, XF800 default code is 8;

- 0—Restart Memory at PAS0;
- 1—Restart Memory at PAS1;
- 2—Restart Memory at PAS2;
- 3—Restart Memory at PAS3;
- 4—Restart Memory at PAS4;
- 5—Restart Memory at PAS5; 6&7—N/A;
- 8-Restart Memory at last time PAS Level.

Press switch to C3, press or to change data required. This technical setting is only for engineer setting, do not modify or change the setting.

C4. Throttle Function Setting



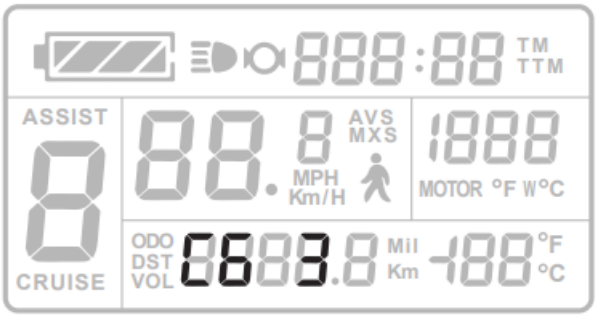
Range:0-4; XF800 default code is 0; Press switch to C4, press or to change data required.

- When P4=0, C4=0, Throttle works Zero Boost
- When P4=0, C4=1, Throttle works as Zero Boost and Max speed 6KM/H;
- When P4=0, C4=3/4/5

C5. Controller Max Current Setting

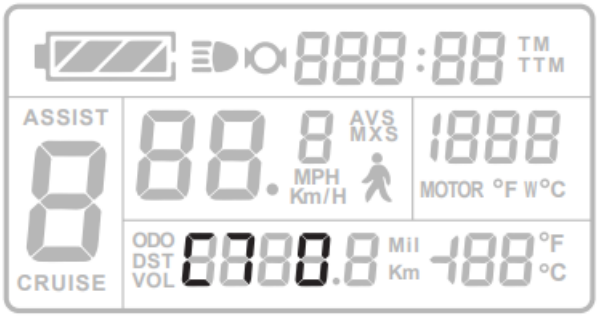
Range:0-10, XF800 default code is 10; Press switch to C5, press or to change data required. Those technical setting are only for engineer setting, do not modify or change the setting.

C6. LCD Screen Brightness Setting



Range:1-5, XF800 default code is 10; 1 means the darkest and 5 means the brightest. Press switch to C6, press or to change data required.

C7. Cruise Control Function Setting

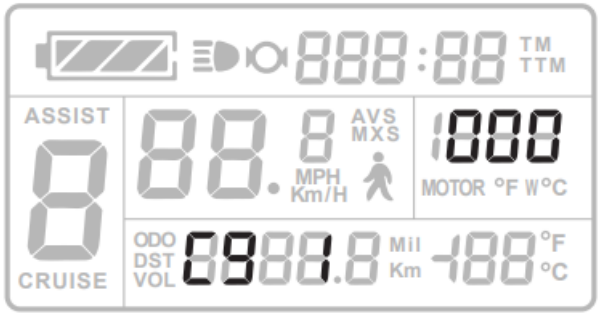


Range: 0-1 XF800 default code is 0; 0-Inactive cruise control function, 1-active cruise control function; Press switch to C7, press or to change data required.

C8. Motor Working Temperature Setting

Range: 0-1, XF800 default code is 0; 0–Inactive motor working temperature display; 1– active motor working temperature display. Press switch to C8, press or to change data required.

C9. LCD Restart Password Function Setting



Range: 0-1, XF800 default code is 0; 0—Inactive LCD restart password function; 1– active LCD restart password function. Press switch to C9, press or to change data required. C9=1, it means the password setting is active, you press or to set up 3 number passwords from left to right. And the password setting range is 000-999. Remember you need to press to confirm the saved password. If you forget your password, it may require extra tool and cost to help to restart the bike computer and Cyrusher will not take any responsibility for the password setting made by customer. We highly recommend you do not active the password protection by other methods to protect your e-bike.

C10. LCD Reset Setting

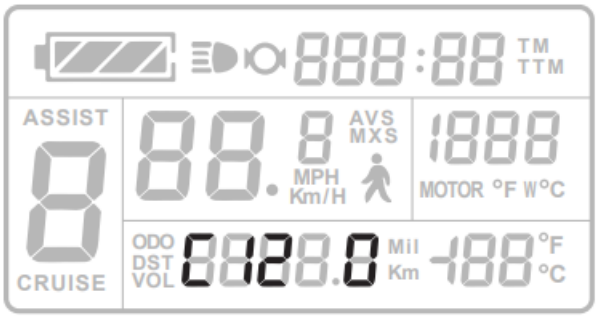
Range: n/y, XF800 default code is n, Press switch to C10, press or to change data required.
n— inactive or no
y—active or yes,

- If C10= y, Remember you need to press for 2 seconds to confirm the saved data and restart the bike computer.
- If C10= n, press switch to C11, for another setting

C11. LCD Feature Setting

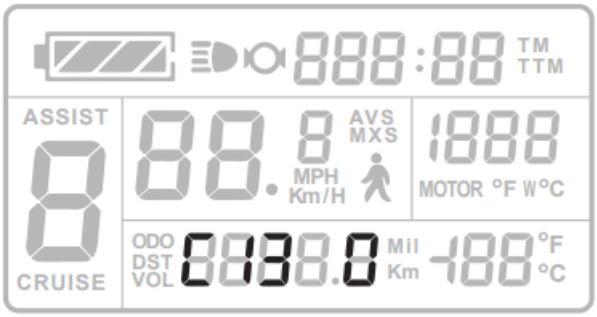
Range:0-2 XF800 default code is 0. This technical setting is only for engineer setting, do not modify or change the setting

C12. Controller Lowest Voltage Setting



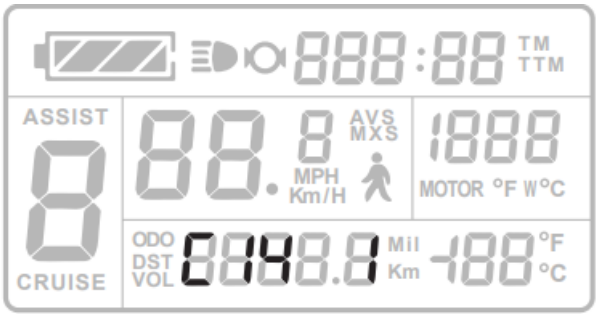
Range:0-7, XF800 default code is 4. This technical setting is only for engineer setting, do not modify or change the setting.

C13. Controller ABS Braking



Range:0-5, XF800 default code is 0. This technical setting is only for engineer setting, do not modify or change the setting.

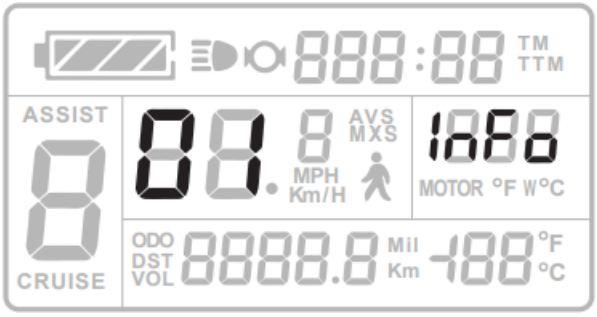
C14. PAS Adjustment Setting



Range:1-3, XF800 default code is 2. This technical setting is only for engineer setting, do not modify or change the setting.

Please note above setting from 8 to 10, need to press  one time or hold on for 2 seconds to turn off after each setting to save changed data. If no movement on setting button over 1 minute, the bike computer will go to the default working screen and all your changed setting data will not be saved.

Error Codes



- 01—info: Throttle Abnormality
- 03—info: Motor hall signal Abnormality
- 04—info: Torque sensor signal Abnormality
- 05—info: Axis speed sensor Abnormality(only applied to torque sensor)
- 06—info: Motor or controller has short circuit Abnormality

CYRUSHER.COM

Documents / Resources

	Cycusher KT-LCD3 Computer [pdf] User Manual KT-LCD3 Computer, KT-LCD3, Computer

References

- Cyrusher® Bikes USA | Amazing Fat Tire Electric Bikes for Everyone — Cyrusher Bikes
- Cyrusher® Bikes USA | Amazing Fat Tire Electric Bikes for Everyone — Cyrusher Bikes

Manuals+,