Cyrusher Sports Team
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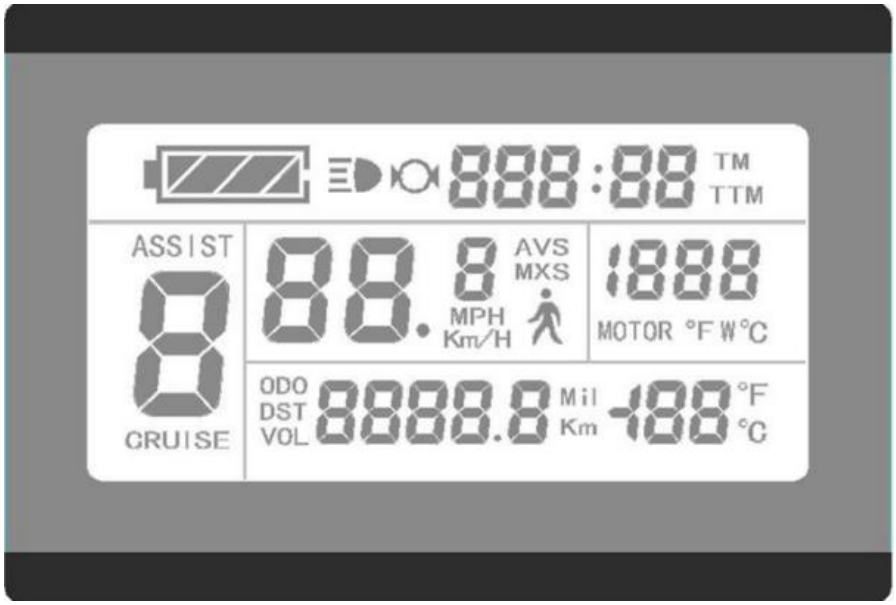
KT-LCD3 Computer User Manual

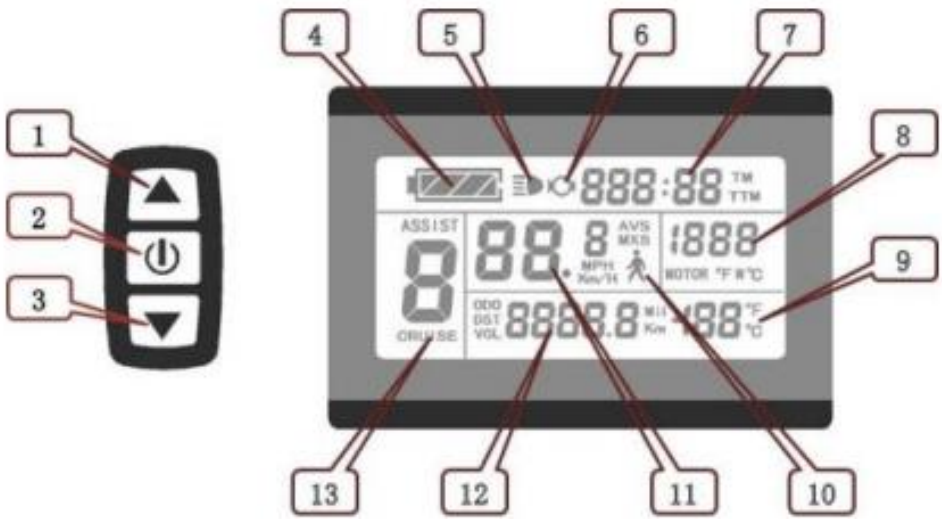
This bike computer user manual is only for Cyrusher xf 800 operations setting reference.

If you are using other Cyrusher or Lankeleisi Ebikes models, please contact Cyrusher Sports Team for help.

Bike Computer Screen:



Technical Symbol Definition：



1		UP button	10		6KM/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 ℃	Motor temperature		**VOL**	Battery voltage
	MOTOR ℉	Motor Fahrenheit	13	**ASSIST**	Pas level
9	℃	Environment temperature		**CRUISE**	Cruise function
	℉	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.

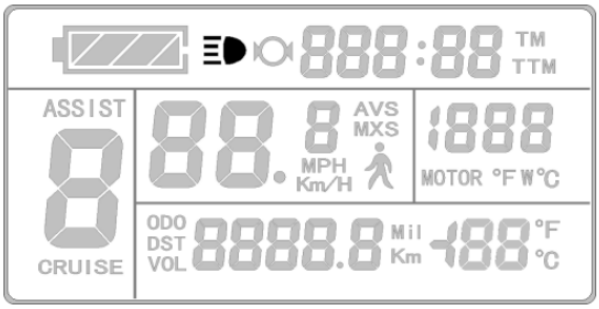
Regular Operation Setting：

1. **Turn on/ Turn off bike computer:**

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

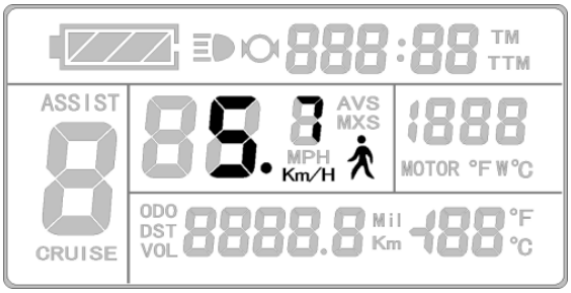
2. **Turn on/ Turn off bike front light:**

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



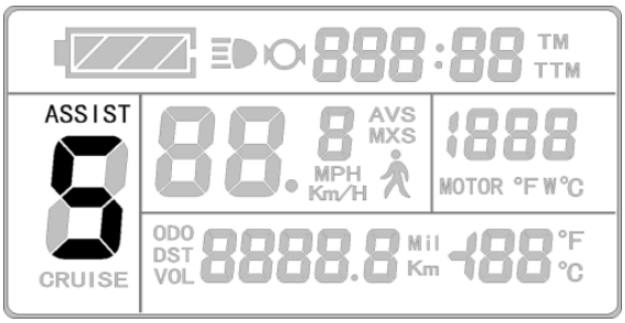
3. **Active walk mode**:

After turning on the bike computer and press  for 3 seconds to active the walk mode, release the  button, walk mode will be automatically cancelled.



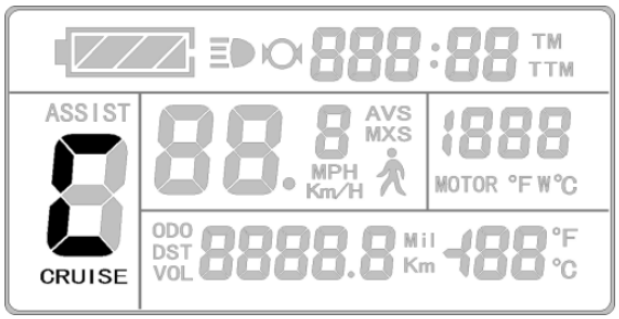
4. **Increase/ Decrease PAS Level:**

After turning on the bike computer and press  to increase the PAS Level (Assist 1-5) and Press  to decrease PAS level (Assist 1-5).

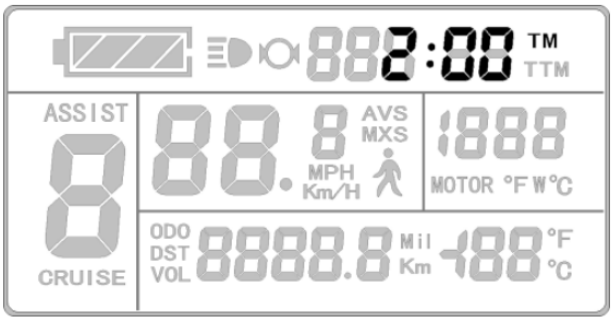


5. **Active Cruise Control Mode(Optional):**

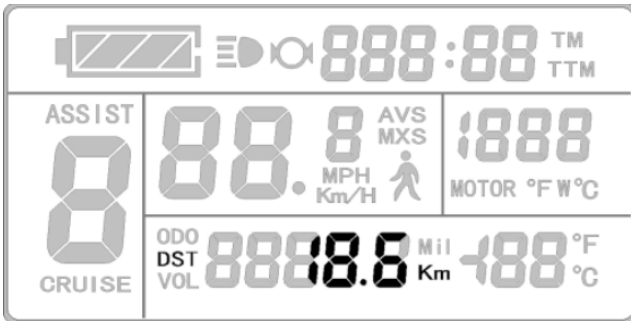
If bike motor speed is greater than 7 km/ h, hold  for 3 seconds button to active the cruise control. Use brake to stop or cancel the cruise control.



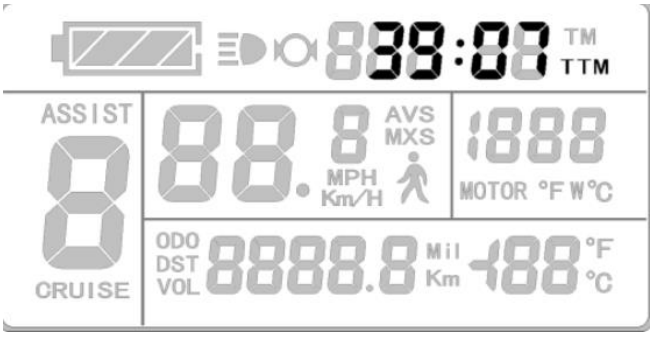
6. **AVS/MAX/TM/TTM/DST/ODO/VOL Checking:** After turning on the bike computer and press  one time to switch and check data of **AVS/MAX/TM/TTM/DST/ODO/VOL.**



Single Riding Time

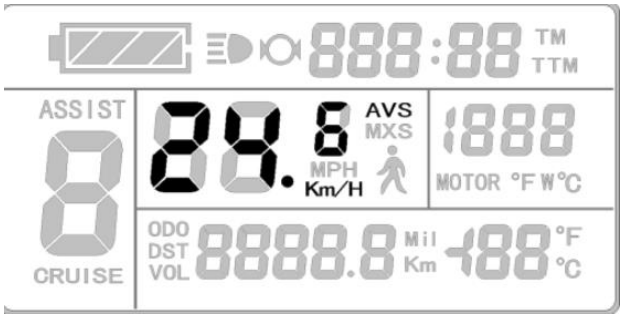


Single Riding Distance

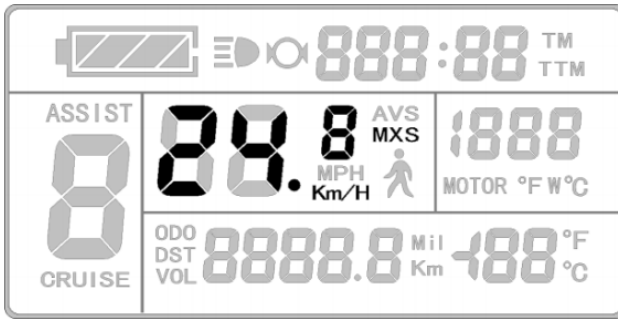


Total Riding Time

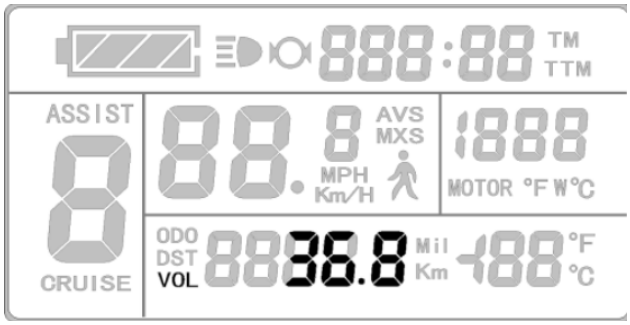
Total Riding Distance



Single Riding Average Speed



Single Riding Max Speed

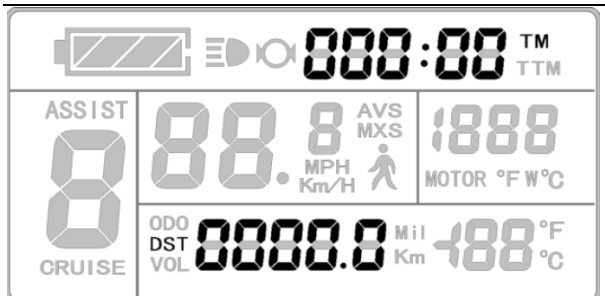


Motor Working Voltage

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.

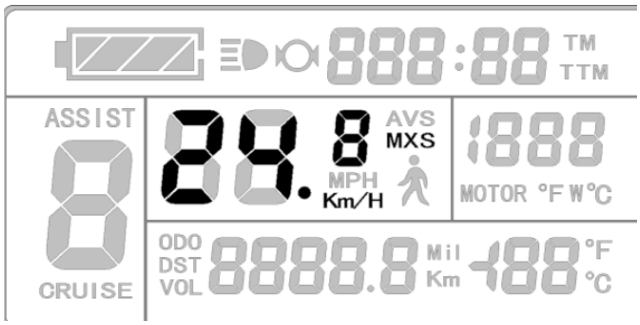


8. Set Max Speed Limit

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;



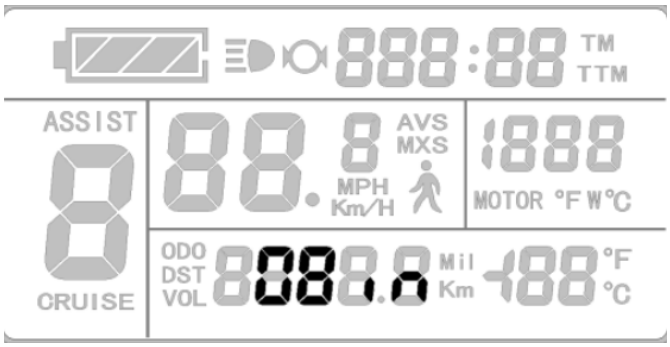
However, the real speed limit of e-bike is controlled by motor and controller. You can only set the bike computer speed limit within the given the range fixed by motor and controller. For example, if the motor and controller fixed top speed limit is at 40KM/H, you can only set lower top limit such as 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.***

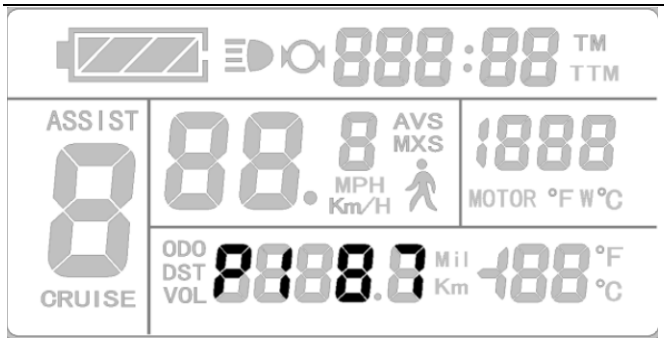
P Level Setting Code Operation：

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.

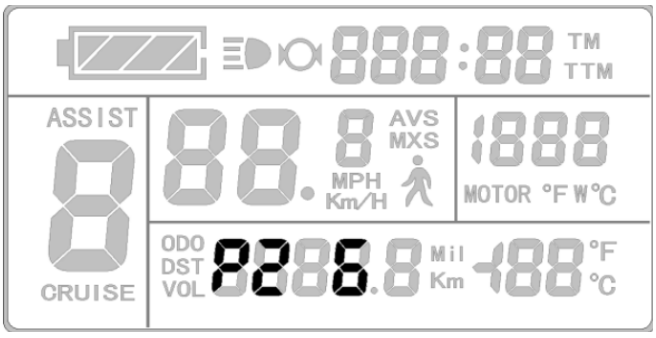


This technical setting is only for engineer setting, do not modify or change the setting.

P2: Wheelset Speed Pulse Setting

Rage:0-16, XF800 default code is 1;

Press ⏻ switch to P2, press ▲ or ▼ to change data required.



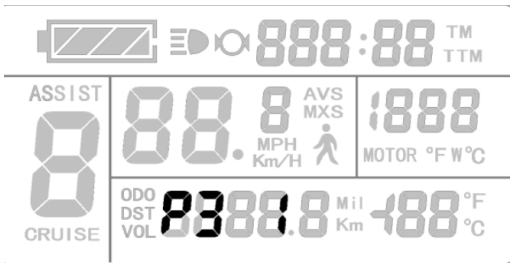
This technical setting is only for engineer setting, do not modify or change the setting.

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.

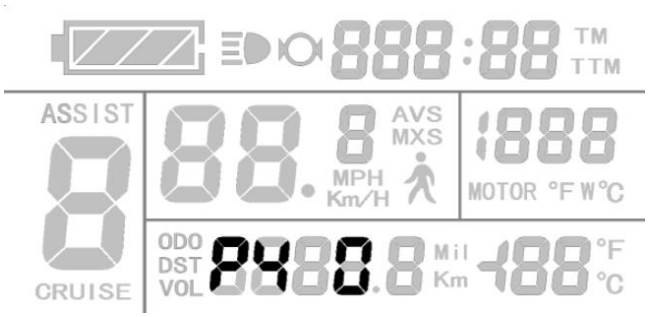


This technical setting is only for engineer setting, do not modify or change the setting.

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.

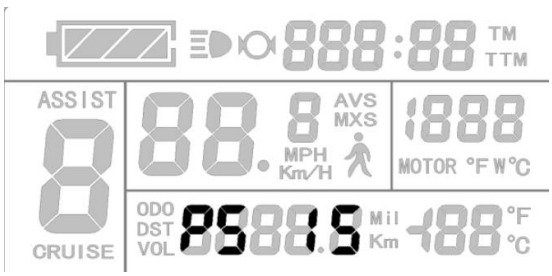


Press  switch to P4, press  or  to change data required.

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

Range: 0-7, XF800 default code is 0;

Press  switch to C2, press  or  to change data required.

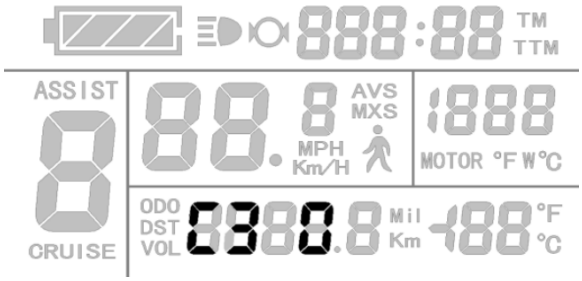
This technical setting is only for engineer setting, do not modify or change the setting.

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.

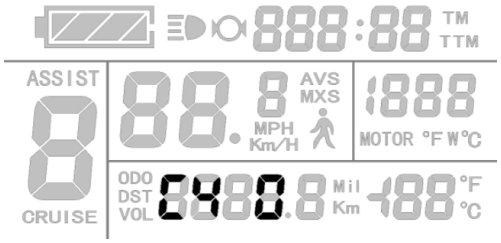
C4. Throttle Function Setting

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 *Those technical setting are only for engineer setting, do not modify or change the setting.*



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.

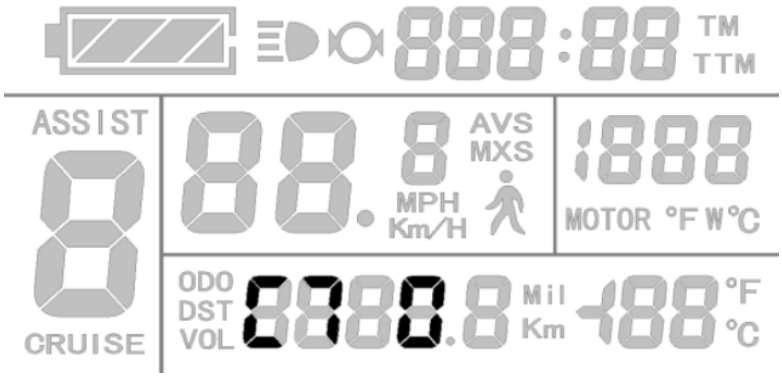
Press ⏻ switch to C6, press ▲ or ▼ to change data required.

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.

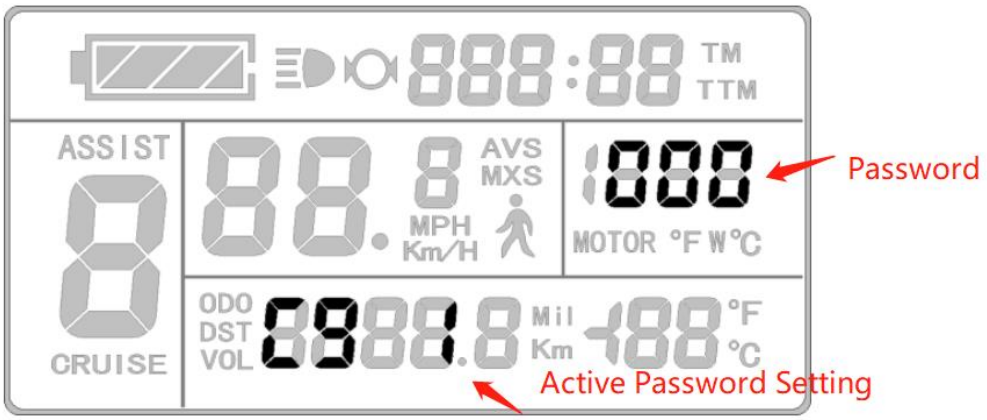
Press ⏻ switch to C8, press ▲ or ▼ to change data required.

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,

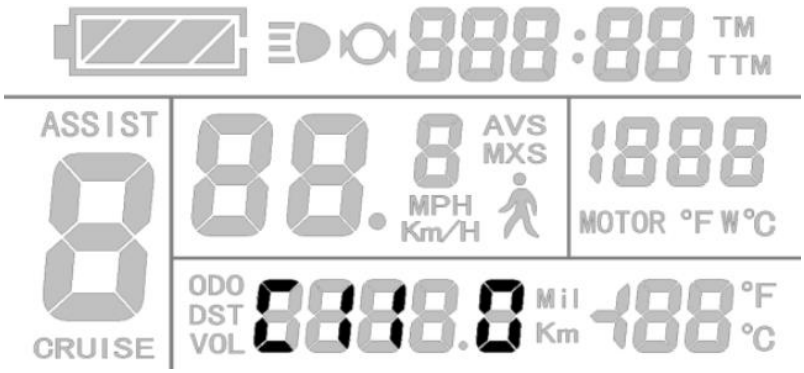
If C10= y, Remember you need to press  for 2 seconds to confirm the saved data and restart the bike computer.

If C10= n, press  switch to C11, for other 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 /Anti - Reverse Charge Setting.

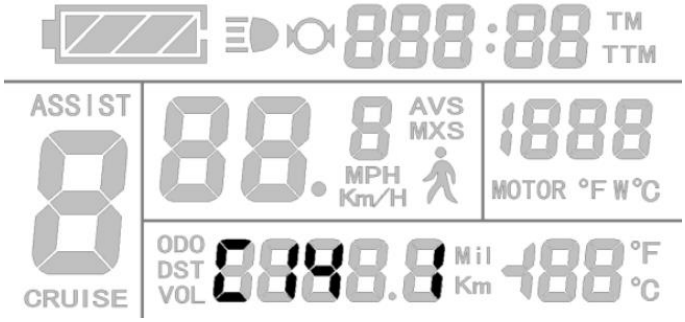
Range:0-5, XF800 default code is 0,

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:

Error Code Display	Error Code	Definition
	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