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LCD-SW900 Bike Computer

User Manual

2017 Version 1.1-Cyrusher XF700

LCD-SW900 operation

1 ON/OFF the bike

a. Press the battery ON/OFF button and battery power LED display to see the power capacity.

b. Hold down center button on button cluster until LCD screen turns on/off.

2 Change PAS grade

There are 5 PAS levels.

Zero level show distance and pedaling time. Throttle only works in Zero level and Pedal assistant works at PAS1 to PAS 5 level. .

Suppose it's PAS mode now, and

shortly press , PAS grade +1

shortly press , PAS grade -1

3 Shift the speed display

Long press + ,to shift the way of speed display

4 ON/OFF 6KM/H cruising,

When e-bike stops, long press to enter 6KM/H cruising mode. Stop pressing to exit the cruise mode

5 ON/OFF Headlight

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Long press to turn ON/OFF Headlight

6 Reset ODO

Long press for 5s to reset ODO.

7 Change data in multi-function Area

Shortly press to change data.

8 Parameters setting

Long press + to start setting parameters, such as wheel size(inch), background luminance

On the setting interface, shortly press , or to plus/minus value. Parameters would be shining after modifying, choose the ones you prefer,

a) Long press to save the value, the shining would stop.

b) Shortly press to shift to the next parameter, and to save current values

c) at the same time.

d) Press + to exit setting parameters and to save values. If not press these buttons, it would exit and save parameters modified automatically 10s later.

LCD-SW900 Parameters Setting

P01 Background luminance. 1 is the darkest, 3 is the brightest

Depends on your choice.

P02 Unit of distance. 0 is KM, 1 is MILE

Switches between Kilometers and Miles.

P03 Voltage grades. 24V, 36V, 48V, 52v.

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The battery and the kit voltages must be the same!

P04 Sleep time. 0 means the LCD screen will never go off for energy save mode, other numbers stand for the sleep time (1-60 min).

Depends on your choice.

P05 PAS grades.

0, Has 3 grades mode: 1 grade 2V, 2 grade 3V, 3 grade 4V

1, Has 5 grades mode: 1 grade 2V, 2 grade 2.5V, 3 grade 3V, 4 grade 3.5V, 5 grade 4V

Options **0** and **1** indicate how much electric assist each grade will provide from the battery while pedaling and will affect the pedaling speed accordingly. For example, in option 0 the grade 2 will assist you with 3v while it is 2.5v in option 1.

P06 Wheel size. Unit: inch. Precision: 0.1

Wheel size unit shown in inches. Must be set correctly.

P07 Speed measuring magnet. Range: 1-100

This is 47 for direct drive (1200w and above) motors and 100 for geared (500w) motors.

P08 Speed limit. Range: 0-50 km/h, 100 means no limit

The limit set in Km and can not be switched into a mile. So calculate it carefully when you set the limit.

Communication Status (controlled by the controller): The driving speed keeps same with the ones we set. Random error: ±1km/h. (Speed limit is for both PAS and Throttle)

Notes: These data are based on KM. When changing KM to Mile, the speed value on the screen would convert to correct Miles automatically, but if you do not change the setting of the speed limit from KM to Mile, it would be different from the real speed limit in Mile.

P09 Zero start & Non-zero Start. (Optional to NO. 2 Communication System)

 0 is Zero Start, 1 is Non-zero Start

Zero start **(0)** will engage the motor instantly while Non-zero start **(1)** will give some delay when you throttle.

P10 Driving mode. (Optional to NO. 2 Communication System)

0 is driven by PAS. Throttle is useless at this time. Use this option if you do not want to use the throttle.

1 is driven by Throttle. PAS is useless at this time. If you do not need PAS, then use this option.

2 is driven by PAS & Throttle. Both throttle and PAS are active.

P11 PAS sensitivity. Range: 1-24

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Set the sensitivity carefully, 1 is the most sensitive.

P12 PAS start strength. Range: 0-5

Lower value provides a little assist when you start pedaling.

P13 PAS magnet type. There are 3 types: 5, 8, and 12. Dots on the magnetic ring. It's 8 as default (if you have purchased a kit from us).

P14 The Current-limiting of Controller. The original Current is 12A. Range:1-20A

Please check the current your controller and the hub motor can handle. Set the limit accordingly.

P15 Controller low voltage setting .

P16 ODO Zero-Out: Long press the upper key for 5 seconds and ODO will zero out.

Use this option to reset ODO.

P17 Auto- cruise setting. (Optional to NO. 2 Communication System)

P18 Speed display adjustment setting. Range in percentage 50%-150%.

P19 0 PAS level option setting. 0, 0 PAS level is inactive; 1, 0 PAS level is active.

P20 Communication system option setting. 0, NO.2 Communication System is active; 1, 5S Communication System is active; 2, Not implement ; 3, Not implement.

LCD-SW900 Parameters Setting Factory codes

--Cyrusher XF700

P01-0002,
P02-0001,
P03-0036,
P04-0010,
P05-0001,
P06-0026,
P07-0001,
P08-0100,
P09-0000,
P10-0002,
P11-0013,
P12-0003,
P13-0012,
P14-0013,
P15-0400,
P16-0000,
P17-0100,

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P18-0000,

P19-0000,

P20-0000,

SW900 LCD System Error Codes (NO. 2 Communication System)

When something is not working well with your electric bike, the SW900 LCD can inform you about the issue or system errors. This is what you need to know:

0	All correct.
1	Not Implement
2	Brakes Issue.
3	PAS issues (Not Not Implement).
4	6 km/h cruising.
5	Real time cruising.
6	Battery voltage is low.
7	Motor issues.
8	Throttle issues.
9	Controller issues.
10	Communication receiving issues.
11	Communication transmitting issues.
12	BMS communication issues.
13	Headlight issues.

If there is something you can fix, try it, otherwise take your ebike to your closest shop.