
LCD Control Panel Manual



Voltage: DC24V /36V(selectable), DC48V(fixed)

Connection:

1. Red (D+) : Power supply positive
2. Black (GND) : Power supply negative
3. Blue (DS) : Electric Lock
4. Yellow (DD+) : Lamp control positive pole (If the software and hardware of controller support lamp control, not connect is ok)
5. Green (DAT) : DATA receive
6. White (TX) : DATA sending
7. Extension Function: PWM Voltage Type PAS Control, Separate external speed sensor

Function:

1. Display Function

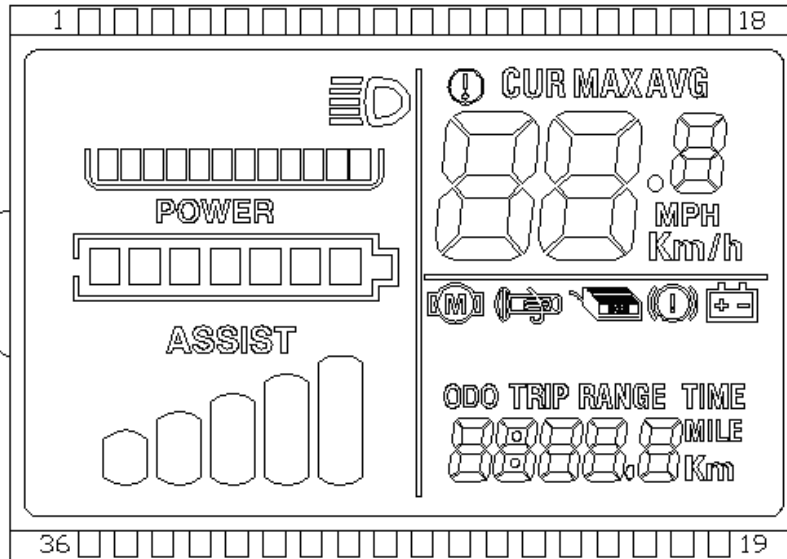
Speed、PAS-Level、Power Quantity、Error、Trip、Total Mileage、Cruise、Brake Indicate、Head Lamp

2. Control and setting Function

Power ON/OFF 、Head Lamp ON/OFF、Wheel Size、 5-level PAS setting、Max Speed Setting、Sleep time setting

3. Communication Protocol: UART

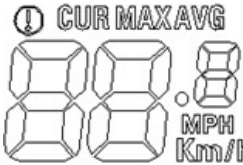
LCD Display Information



Instruction:

1. Head Lamp: 

2. Battery Power Quantity: 

3. Speed Display 

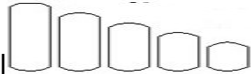
Current Speed CUR、 Max Speed MAX、 Average Speed AVG
Speed Unit: MPH, KM/H

4. Error Message Display 

Motor Error 、 Throttle Error 、 Controller Error 、 Brake 、 Low Power

Protection 

5. PAS-Level Display 

PAS-Level  (1-5Level) , no level means PAS OFF

6. Setting

P01 Wheel Size: INCH, Accuracy: 0.5

P02 Magnet Body Quantity

P03 Display Light: 3-lightest, 2-Lighter, 1-Light

- P04 Km/Mile switch
- P05 Voltage Mode 24 V, 36 V, 48V (24V/36V selectable, 48V)
- P06 Sleep Time: minutes

Below function is only available under communication with controller

- P07 Max Speed Limit: KM
- P08 Hall Speed Mode: 0 Hall Sensor from Controller
 - 1 Hall Sensor from Display
 - 2 Hall Sensor from Motor

(We choose 2 here)

Key Instruction:

Keys as follows:



Keys operation: short press, long press, combination key

Short Press: use for fast and frequent operation

1.  :

During riding, if need to change PAS-level, then press these two keys in short time.


2. :

During ride, if need to switch to multi-function display zone, press here in short time.

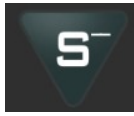
Press in long time: Turn ON/OFF LCD Display

Detailed Operation:

A. Change PAS-level:

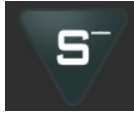
- 1) Press  in short time, PAS-level will + 1
- 2) Press  in short time, PAS-level will +-1

B. Speed display mode switch



Press in long time, switch speed display mode

C. Clear Trip



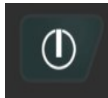
Press in long time to clear Trip

D. Turn ON/OFF LCD Display



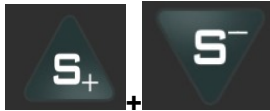
If the LCD is ON. Then press in long time, LCD will be turned OFF, and vice versa the LCD display will be turn ON.

E. Multi-function zone switch




Press in short time, will switch to multi-function display zone

F. Parameter Setting:



Press longer, you will come to Parameter Setting

Under this menu, press in short time , or  to increase or

decrease value, and then press  in short time to save setting