Introduce of Display Content

1. Headlight

2. Current Status Grade This function need controller's software support

3. Voltage Status Grade POWER

4. Display of Multifunction Area

Digital Current、Digital Voltage、Rotate Speed、Cons、Total Mileage、Once Mileage、Surplus Mileage（Need battery protective plate's software support）、Runtime

5. Display of Speed Area

Average Speed、Max Speed 、AVG

Unit: MPH, KM/H

Speed has 4 ways to come true，depending on the specific way，partial way could compose.

1. Hall signal attaching electric motor

2. Controller send Hall signal of motor to meter (numbers of normal Halls' up and down times within 0.5s)

3, slow speed Hall signal as the type run a circle.

4. Controller send signal of slow Hall signal as type run a circle to meter.
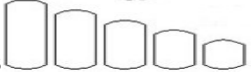
(single Hall cycle, Unit：1MS)

The meter could calculate true speed according to the data of wheel diameter and the signal's data (electric motor's Hall need to set up the magnet steel's quantities)

6. Malfunction Status Display Area

Motor stoppage、throttle stoppage、controller stoppage、power brake handle、Under Voltage Protector

7．Assistance status display area

Assistance status （1-5 gear）、Cruise marks

8. Set

P1. Wheel unit：INCH，accuracy: 0.5

P2. Magnetic steel quantity unit

P3. Shading value set, grade 3 is the brightest, and grade 1 is the darkest

P4. Km/Mile switch over (to be chosen)

P5. Voltage mode set 24 V，36 V，48V （24V/36V are compatible，48V is ineffective)

P6. Dormant time unit: minutes

The following parameters only have actual effect when communicating with controller.

P7. Highest speed limitation: KM （to be chosen)

P8. Hall speed mode:

  0. Display the hub hall communicated from controller

  1. Display the hub hall directly from meter

  2. Motor hall (Preferentially choose to connect motor hall directly, if failed, then automatically choose the motor hall communicated by controller. As to the cyclicality is short, the meter connection and controller communication could be self-identified.)

Detailed explanation refers to remark 1:

Below parameters are mainly used in the control of DIY version (to be chosen)

P9. Undervoltage set, follow the voltage mode, acquiesce 80%, for example: 36V * 80% = 32.4V

   P10. Motor mode set, 60 is corresponding to 60 degree motor, 120 is corresponding to 120 degree motor.

   P11. Maximum current (Current limitation value) unit: A

   P12. Braking strength 1-100%

   P13. Electric lock, headlight short-circuit protection mode. ==25 to close protection. Other values, to turn on short-circuit protection testing.

        （Usually do not need set, only when controller mismatch the headlight electric specification, then need to close protection testing for normal working.）

Ⅱ. Button Introduction:

Specific buttons position as bellow:

Button's Design Introduction

Button operation includes short-time press, long-time press and combination buttons long-time press.

Short-time press used in quickly/frequently operation, such as:

1. ![up button] ![down button] During riding, press shortly to change assistance/speed gear.

2. ![power button] During riding, press shortly to switch the multifunctional area to display data.
   Press single button for long time is mainly to switch the mode/button status.
   Press combination button (for long time) is mainly used for parameter setting, which could reduce maloperation due to complicated operation.
   （No combination buttons with short-time press, as they are too difficult to operate due to they are easy to be triggered by mistake.）

Explain of Specific Operation：

Ⅰ.Shift to assistant/electric gear,

Suppose current condition is assistant mode,

1)shortly press ![up button] ， assistance + 1

2)shortly press ![down button] ，assistance - 1

（this meter is without this function）

Ⅱ.Turn on/off LCD screen

If current display screen is working, extended press ![power button] ， the screen will be off，

otherwise, the screen will be on..

Ⅲ.Shift to multifunctional display version,

Shortly press ![power button] , you can shift the value on multifunctional display version.

Ⅳ.parameter setting

Press ![up button] + ![down button] and hold, get into the version of parameter setting, then you can set up parameters bellow,

wheel diameter (unit: inch), magnet steel number，LCD brightness, under-voltage point etc.

On the version，you could shortly press or to add or subtract the value, after you choose the assumed value,

1. Press shortly to save current value.

Hint：to put the parameter into controller, for example, under-voltage point, find the version of under-voltage, then press .

2. Press + ，save setting, then quit。