

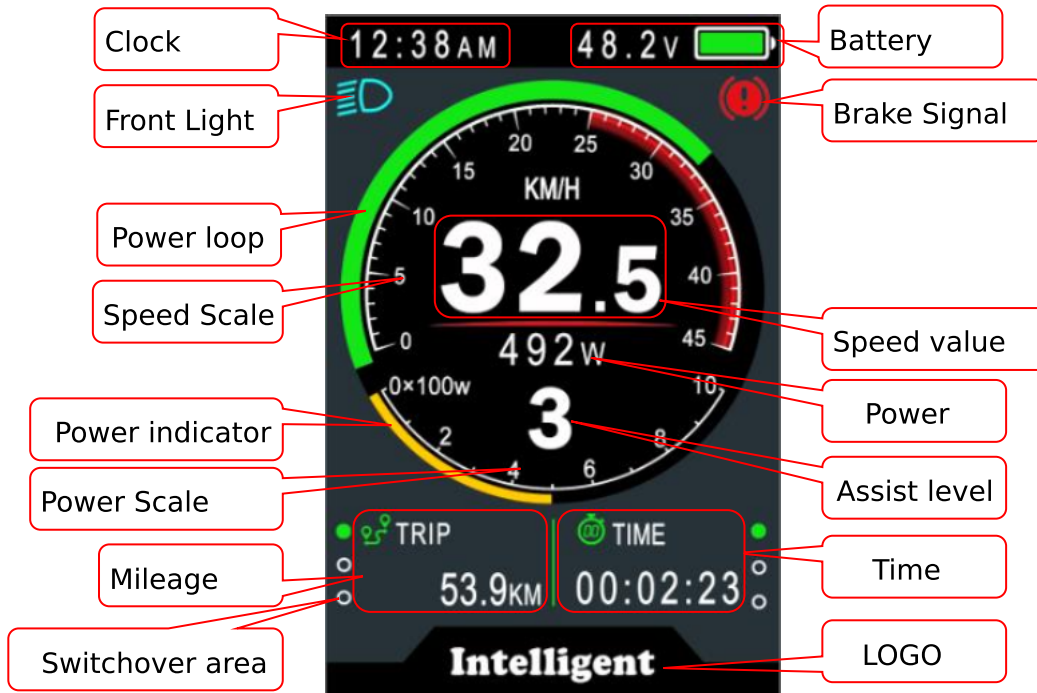
# P850C Manual



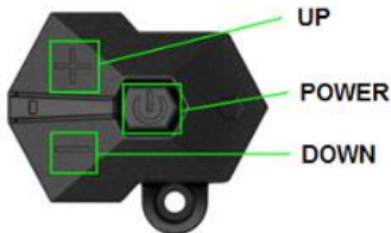
# 1 Features

- Suitable for low temperatures - Max -20°F.
- High-contrast 3.2 inch IPS color matrix screen.
- Ergonomic external button design, easy to operate.
- **Speed display** : AVG SPEED, MAX SPEED, SPEED(Real-time).
- **Kilometer / Mile** : Can be set according to your requirements
- **Smart battery indicator** : Provides a reliable battery indicator.
- **9-level Assist** : 3-level/5-level/9-level optional.
- **Mileage indicator** : Odometer/Trip distance/ Clock/ Riding time.
- **Power/Current indicator** : real time power indicator, digital or analog or Current.
- **Error code indicator.**
- Light sensor (Optional)
- **Software upgradeable** : Software can be upgraded through UART.
- **USB charging port** : 5V/500mA

## 2 TFT screen instructions



## 3 Usage Description



### 3.1 Power On/Off

Press and hold the **Power** button for 1 second to turn the display on/off. The Display will automatically shut down when it isn't in use. You are able to set this between 1 and 9 minutes.

\*If the display has been set to require a password to power on, you will need to input the right password at the start.

### 3.2 Assist level operating

Short press **UP/DOWN** button to change the assist level. Top assist level is 9, 0 for no assistance. Level amounts can be adjusted according to your requirements via the settings menu (advanced area) or USB programming kit.



### 3.3 Speed & Mileage mode switch

Short press **POWER** button to change the speed and mileage mode,  
 TRIP → ODO → RANGE → TRIP → TIME → MAX SPEED → AVG SPEED



\*Range needs smart BMS support.

\*\*If there is no operation for 5 seconds, the display will return to the Speed (Real-Time) display automatically.

### 3.4 Headlight/backlight On/Off

Press and hold the **UP** button for 1 second to turn on/off the headlight, and the screen will switch to the corresponding mode (only if integrated headlight is fitted).

\*The motor will stop operating when your battery gets too low to ensure your battery is not damaged. However, for a while the light will still operate so that you can safely pedal home without motor assistance.



Daytime mode

night mode

### 3.5 Walking mode (<4mph)

Press and hold **DOWN** button for 2 seconds to select walking mode. Walking mode provides a small amount of power to help you push your bike along if walking.



\* This feature needs to be supported by controller.

### 3.6 Data cleanup

Press and hold **UP** & **DOWN** buttons together for 1 second to reset your ride statistics such as **AVG Speed / MAX Speed / Trip / Time**. These are not erased by power off.