

## 触摸屏 TOUCHABLE DISPLAY

### \*\*\* 简介 Introduction \*\*\*

用于显示 BMS 运行的基本信息，单体电压、温度、电流功率等数据。此款为 4.3 寸彩色触摸显示屏。屏幕的尺寸、规格、显示界面内容，都可以按需求定制。

It is used to display the basic information of BMS Working, such as cell voltage, temperature, current power and other data. This one has a 4.3-inch color touch screen. Screen size, specifications, display interface content, can be customized according to demand.

触摸屏参考照片如下 Touch screen photos are below



### \*\*\* 触摸屏的参数 Parameters of touch screen\*\*\*

1、触摸屏尺寸为 4.3 寸，分辨率 480x272

1, The size of touchable screen is 4.3 inches, Resolution: 480x272

2、工作电压范围：DC 8 ~ 18V；

2, The working voltage range: DC 8 ~ 18V;

3、12V 供电时，平均工作电流：初始亮度约 0.13A；长时间无操作，降低低亮度运行约 0.08A，

3, 12V power supply, the average working current: about 0.13A when initial brightness ;about 0.08A when No operation for a long time, reduce the low brightness operation

4、触摸屏工作温度：-20°C ~ +60°C ；湿度 20%-90%RH 无冷凝；推荐工作在人体感觉舒适的环境中，可以大幅度提升使用寿命。

4, Touchable display operating temperature: -20°C ~ +60°C ; Humidity 20%-90%RH Non-condensing; It is recommended to work in an environment where the human body feels comfortable, which can greatly improve the service life.

5、典型重量：195g（含驱动板），屏幕安装尺寸见本文最后部分。

5, weight: 195g, screen installation size see the last part of this article.

**\*\*\* 与 BMS 的接线 How to Wiring to BMS\*\*\***

红线：供电正极

Red Wire: Plus of power supply

黑线：供电负极、同时也是通信 GND。

Black Wire: Minus of power supply and GND for CAN communication.

绿线：通信，连接到 Master BMS (BMC) 外部通信的 CAN-L

Green Wire: CAN Communication, connected to CAN-L of Master BMS(BMC)

白线：通信，连接到 Master BMS (BMC) 外部通信的 CAN-H

White Wire: CAN Communication, connected to CAN-H of Master BMS(BMC)

CAN 通信线没有内置 120 欧终端电阻，请在合适的位置增加。

The CANBus communication wires does not have a built-in 120 ohm terminal resistor, please add it at an appropriate Position

\*\*\* 屏幕操作 DISPLAY Operation\*\*\*

1、主界面 (Support English display or other languages)

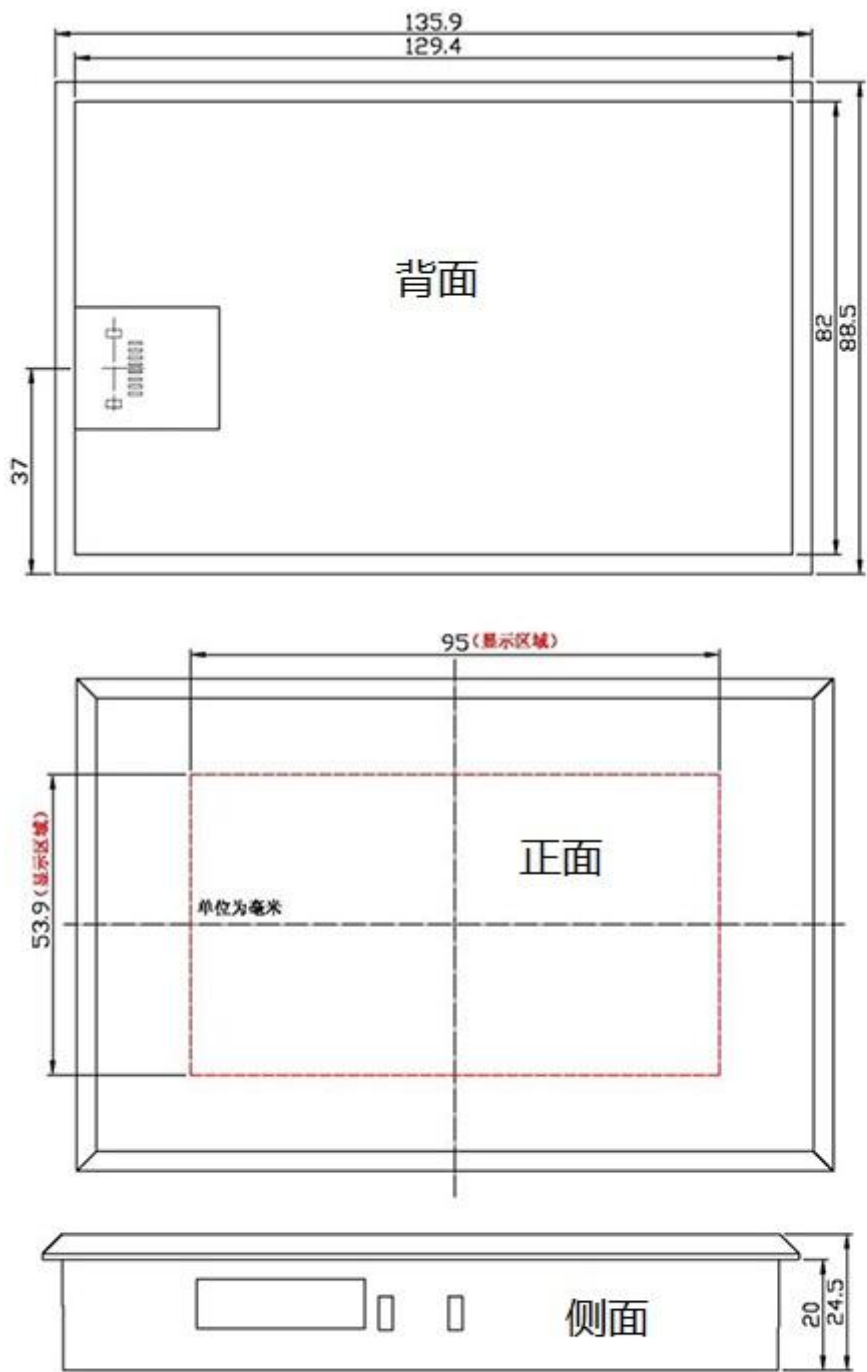


2、进入查看单体信息时的界面:

The page for single cell info is displayed:



\*\*\* 安装尺寸、产品尺寸: LAYOUT OF DISPLAY\*\*\*



技术要求:

- 1、建议用户面板开口尺寸130.5\*83