



上海恩阶电子科技有限公司

Shanghai energy Electronic Technology Co., Ltd.

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Specification

Product Name	Lithium Battery BMS Display Screen
Product Model	LCD006
Version	V1.0
Date	2024/04/16

Version	Date	Draft/Revise	Version revision instructions
V1.0	2023/04/16	Wang Tao	Create the first draft



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一、Abstract

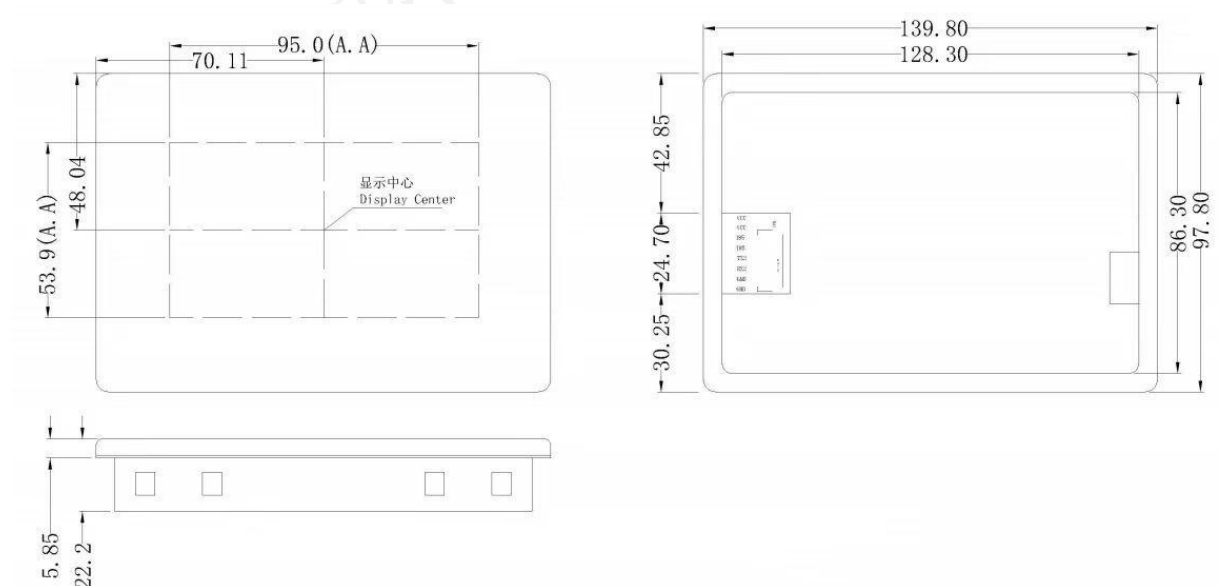
This product (LCD006) is suitable for the Enjie HVS500 (High Voltage, High Capacity Series System) solution, designed to work with the high-voltage system to display parallel group information externally, such as the operating status of each PACK, voltage, current, temperature, SOC, alerts, and protection, etc.

To use this product correctly, please read this document carefully and keep it safe for future reference.

Please install and operate according to the requirements specified in the user manual.

二、Appearance size

2.1、Dimensional drawing





定义 Definition	序号 Pin#	类型 Type	说明 Description
VCC	1, 2	P	电源输入 Power Input
485+	3	A	A+
485-	4	B	B-
TX2	5	O	串口 2 输出 Output
RX2	6	I	串口 2 输入 Input
GND	7, 8	G	公共接地 GND

2.2、Show renderings

Chinese page	English page
	

三、 Function declaration

3.1、 Interface introduction

1、 Home page

After power-on activation, the battery management interface will be displayed, entering the following figure:

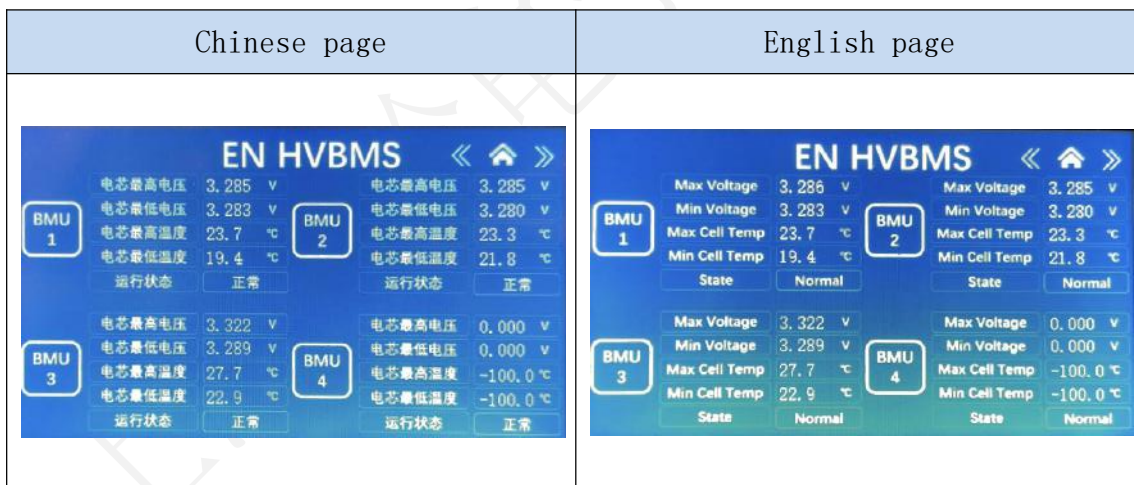
Chinese page	English page
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- 1) Touch  can be switched to Chinese, touch  can be switched to English;
- 2) Touch  /  to enter the parameter page of the PACK.

2、The parameter page of the PACK

The current page can see the main parameters of each PACK under this system, as shown in the figure below:

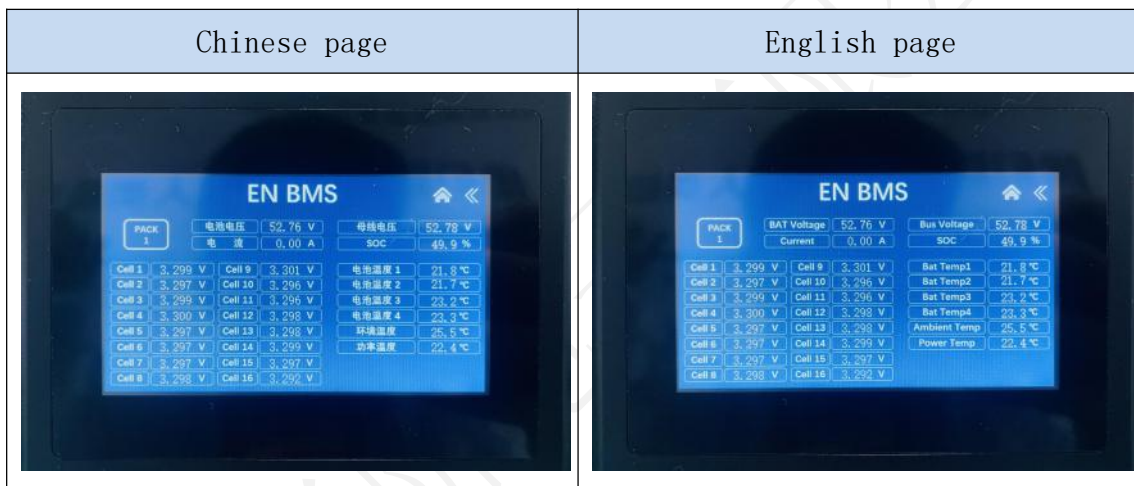


- 1) Touch  to return to the home page;
- 2) Touch  to view other PACK parameters, as included in the figure below:





3) Touch  to view the detailed parameters of PACK 1 (Like the other PACK), as shown in the figure below:



4) Touch  to return to the previous page;

5) Touch  /  or  /  to view "alarm" and "protection" information in the following below:





3、Protocol switch page

1) Touch  /  to enter the protocol switching page on the home page, as shown in the figure below:



2) Touch  /  can select the agreement, included in the figure below:

The CAN protocol selection	The 485 protocol selection
	

3) Touch on the selected protocol, the page will jump back to the main page.