



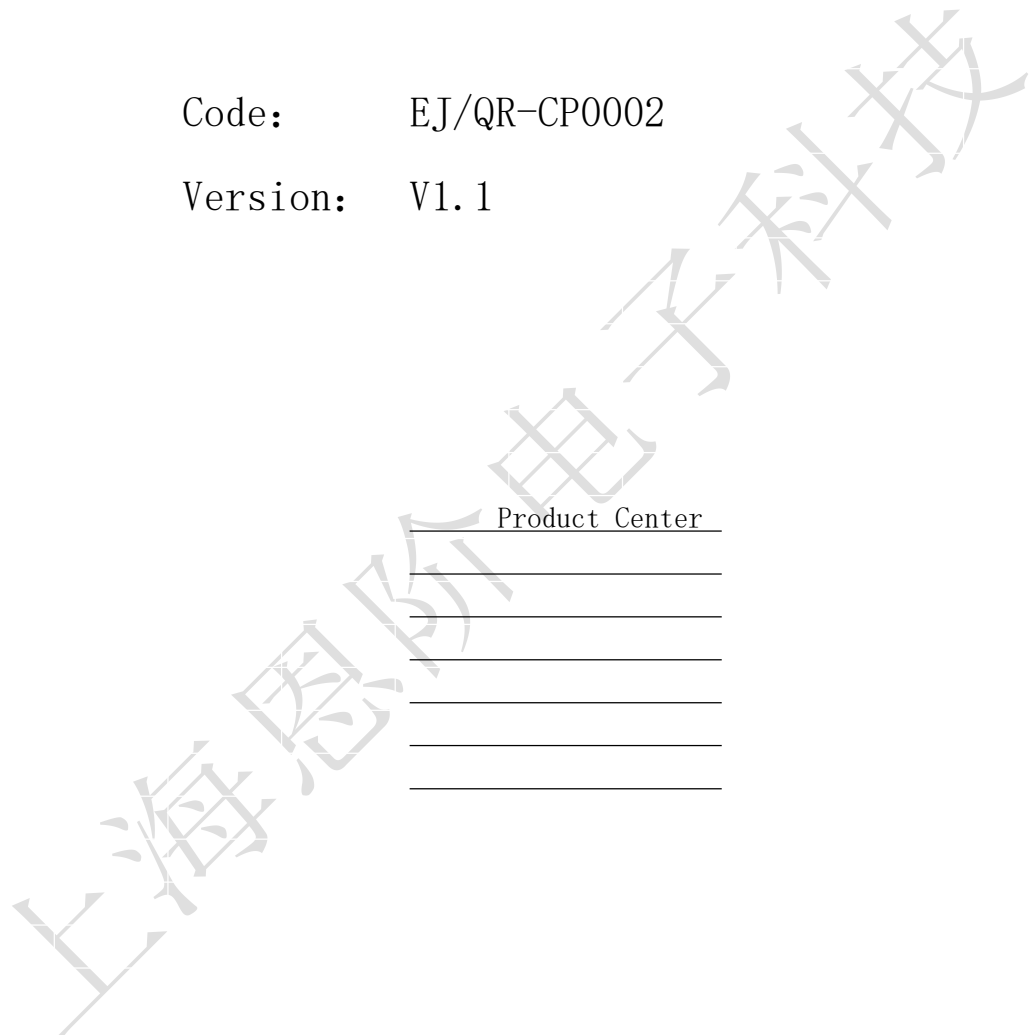
Technique Document

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Product Center





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1 Basic Info

This BlueTooth APP can be operated by both Android and IOS. It establish a BlueTooth connection between your smart phone and the battery, usages includes below: managing the battery pack, gathering the data and displaying them, conducting modifications on settings. BlueTooth APP can achieve below functions:

- 1) Display the basic data of battery pack
- 2) Modifying the communication between BMS and inverter
- 3) Setting Alert Parameters and Switch on/off
- 4) Support Single and Parallel operation
- 5) Shift between Chinese and English

1.1 Fitting Range

This guide book fits below BMS:

- EMU1101 V14 (24V~48V)
- EMU1101 V15 (24V~48V)
- EMU1203 (24V~48V)

1.2 Target

This guide book is for every users of CNEnergy BMS.

2 Manipulating Guide

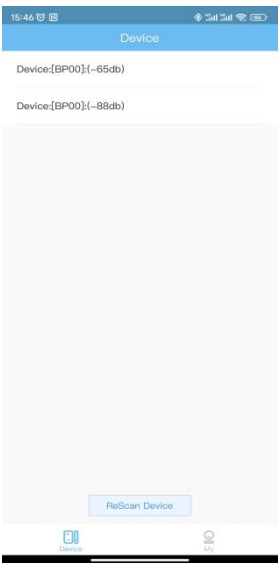

2.1 APK APP Download

Android	https://www.pgyer.com/1a8ce42e6c1a9f2d37dcaa6a790e40c2 Visit this netpage, scan the QR code
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<p>QR code</p>	<div data-bbox="491 241 719 465" data-label="Image"> </div> <p data-bbox="459 488 1054 521">Download the apk and install on cell phone</p>
<p>Latest version</p>	<p data-bbox="448 573 544 607">V1.0.26</p>
<p>ISO</p>	<p data-bbox="448 658 871 725">Search 'EN BMS' in APP stores (notice the blank)</p>
<p data-bbox="236 1323 368 1391">Search Interface</p>	<div data-bbox="443 745 1026 1975" data-label="Image"> </div>



<p>Connection Interface</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>2.3.1</p> </div> <div style="text-align: center;">  <p>2.3.2</p> </div> </div>
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2.4 APP Main InterfaceAPP

<p>Tips</p>	<ol style="list-style-type: none"> 1、 Main Interface can display information of single operation and parallel operation 2、 Single mode can switch: BP00 (master)、BP01~BP15 (slave); status bar 6 displays 'parallel-BP XX' 3、 In parallel mode, status bar 6 displays 'parallel-parallel' 4、 In parallel mode, status bar 1~4 displays the summery of data, bar 5 displays the communication type between master machine BP00 and inverter, bar 6 displays. only the condition of parallel, other settings are forbidden. 5、 In single mode, status bar 2~5 displays the data of the selected machine, bar 6 displays the number of selected machine, 'Device Specification' , 'Configuration Parameter' , 'Switch Setting' . 'Configuration Parameter' and 'SwitchSetting' can be viewed and modified.
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Main interface

2.4.1

2.4.4

Status bar1: Displays Single/Parallel condition and Bluetooth Condition

Status bar2: Displays the number of batteries in series, SOC, voltage, current, remained capacity, working

Status bar3: Alert and Protection statistics, click to view specifications. Alert: see 2.4.2 Protection: see 2.4.3. Click 'Alert Specification-Protection Specification' to view more data,

Status bar4: Basic information. Displays single machine

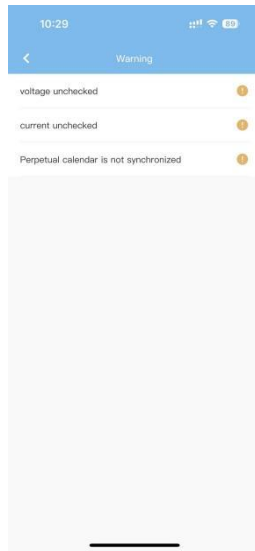
Status bar5: Inverter Connection Protocol and Setting
 -CAN: Support 6 types essential options and 10 types of protocols
 -485: Support 5 types of RS485 protocols

Status bar6: Displays Parallel/Single condition, shift master and slaves, see 2.4.4.

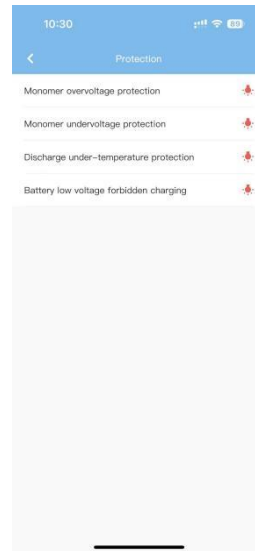
Device details: Can show specification of battery pack in Single mode(high light)Click to view specification, see 2.4.5

ConfigurationParameter: Can display and configurate the parameters of battery pack in Single mode(high light). Click to view specification, see 2.4.6

Switch(on/off): Can switch the battery pack on and off in Single mode(high light). Click to view specification, see 2.4.7



2.4.2

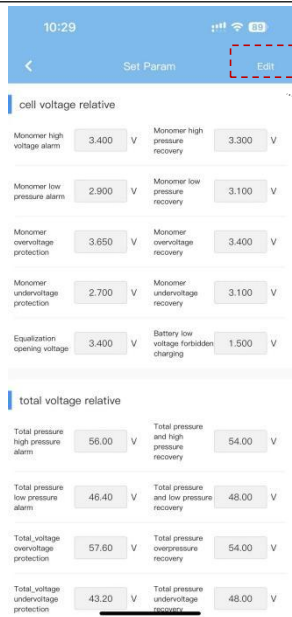


2.4.3



2.4.5

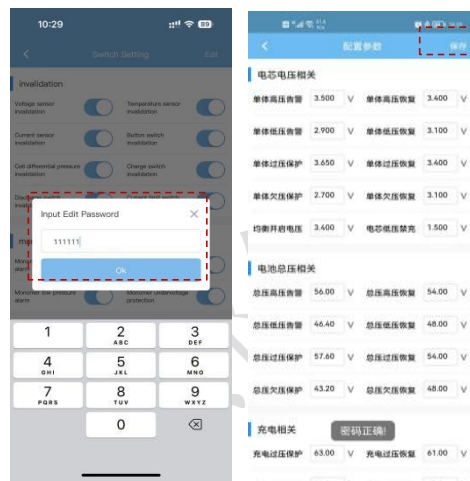
1. Show highest/lowest voltage of all cells, voltage of each cell.
2. Show highest/lowest temperature of all cells, temperature of each cell.
3. Display Show Manufacturer Information: CAN or RS485 communication, protocol with inverter.
 Component Type: type of client's panel.
 Software Version: version of BMS software.
 Protocol Version: version of communication protocol between BMS and APP.



1. In Single mode (see 2.4.4, shift between Single mode and Parallel mode), click 'Edit' (see 2.4.6-1), enter password 111111 (see 2.4.6-2) and set the configuration parameter, then click 'Save'

2. After clicking 'Save', system will notice 'Confirm Modification?', your modification will be conducted by BMS after your confirm.

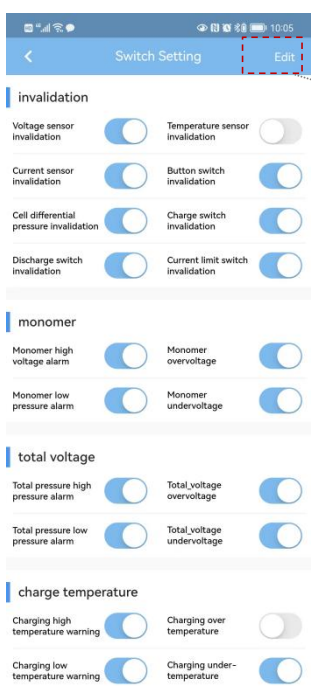
2.4.6-1



2.4.6-2

图 2.4.6-3







2.4.7-1

1. In Single mode (see 2.4.4, shift between Single mode and Parallel mode), click 'Edit' (see 2.4.7-1), enter password 111111 (see 2.4.7-2) and set the configuration parameter, then click 'Save' (see 2.4.7-3)

2. After clicking 'OK', system will notice 'Confirm Modification?', your modification will be conducted by BMS after your confirm.



2.4.7-2

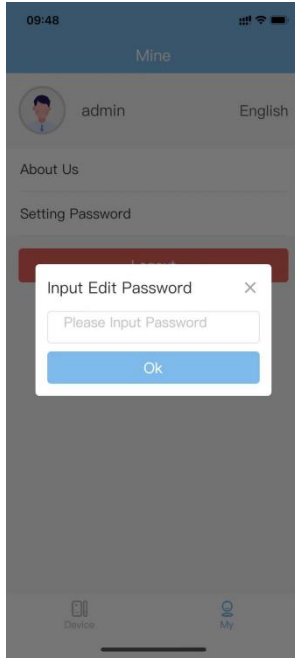
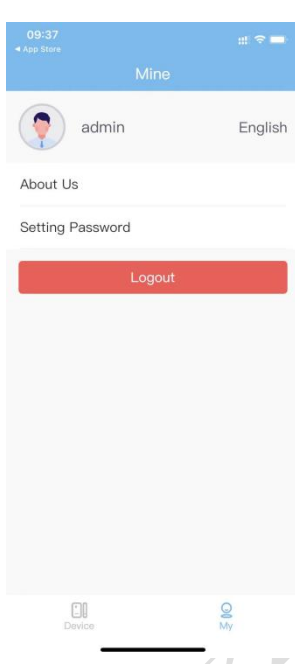
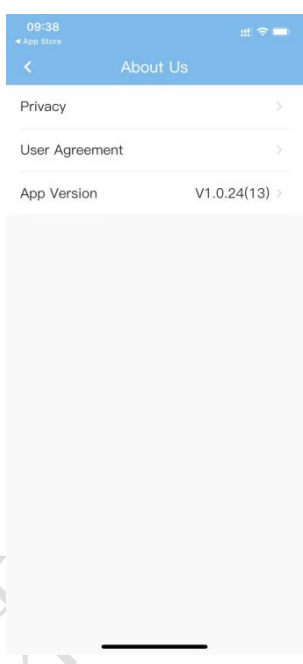


2.4.7-3

2.5 Other Interface

Tips	<ol style="list-style-type: none"> 1、 'AboutUs' , 'Setting Password' and 'Logout' , see2.5.1 2、 Click 'AboutUs' , like2.5.2 3、 Click 'Setting Password' to change your password. 4、 Click 'OK' to save your settings.
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<p>Screenshot</p>	 <p>2.5.1</p>	 <p>2.5.2</p>	 <p>2.5.3</p>
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