Technique Document

Document Title Bluetooth APP Guide

Code：   5.1KW FL-1004U

Version：   V1.1

PRODUCT GUIDE

Bluetooth APP Guide 5.1KW FL1004U

Manual

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 guidebook fits below BMS：
- EMU1101 V14   (24V~48V)
- EMU1101 V15   (24V~48V)
- EMU1203   (24V~48V)

1.2 Target

This guidebook is for every users of CNEnergy BMS。

2 Manipulating Guide

2.1 APK APP Download

Android	https://www.pgyer.com/1a8ce42e6c1a9f2d37dcaa6a790e40c2 View next page, scan the QR code

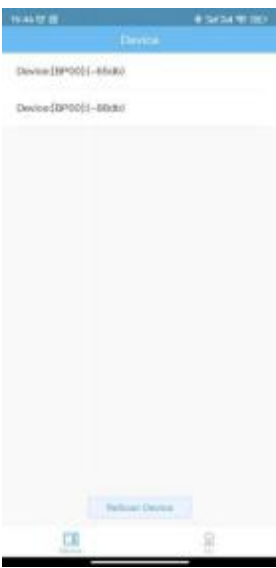| QR code	 Download the ap and install on cell phone
Latest version	V1.0.26
ISO	Search'EN BMS' in APP stores
Search Interface	

2.2 Logging

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Notice	1、click the APP icon twice to start it. 2、log your username and password (Default user: admin Default password: 111111) 3、Click 'Login' Step1~3see2.2.1 4、click "English"
Login Interface	 　　　　2.2.1　　　　　　　　　　　　　　2.2.2

2.3 Connect to the Device

Tips	1、see 2.3.1, after login in, the name of your device will be displayed on the 'device' interface. -Single Operation: Displays BP00 -Parallel Operation: 2、see 2.3.2, click 'BP00' to connect 3、BlueTooth signal can be unstable, please click 'search for device again'.

Connection Interface	
	2.3.1 2.3.2

2.4 APP Main Interface APP

Tips	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 is forbidden. 5、In single mode, status bar 2~5 displays the data of the selected machine, bar 6 displays the number of selected machines, 'Device Specification', 'Configuration Parameter', 'Switch Setting'. 'Configuration Parameter and Switch Setting can be viewed and modified.

|		
Main interface	 2.4.1 2.4.4	Status bar1：Displays Single/Parallel condition and Blue Tooth 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 of 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 Configuration Parameter: 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

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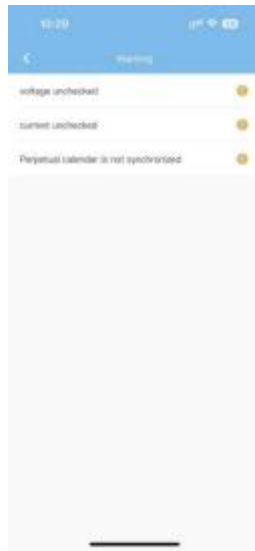
2.4.2

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.
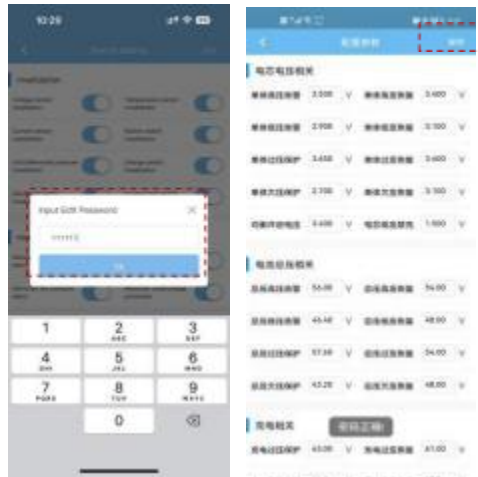Protocol Version: version of communication protocol between BMS and APP.

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 you 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 you
confirm.

2.4.7-2   2.4.7-3

2.5 Other Interface

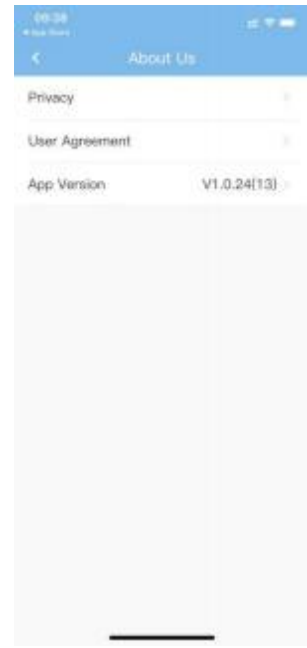| Tips	1、About Use Setting Password and Logout'，see2.5.1 2、Click 'About Us', like2.5.2 3、Click Setting Password 'to change your password. 4、Click OK to save your settings.

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Screenshot	
	2.5.1 2.5.2 2.5.3