

## **SEPLOS V16 BMS**

# **BlueTooth App Installation Guide**

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## 1. Introduction

This Bluetooth APP will suitable for Android, which can apply to manage the battery pack including warning information collection, query, display and configuration revising by connected the phone to the Bluetooth module in the battery.

### Function:

- To display the basic information of the battery pack.
- Configuring the communication between BMS and inverter
- Configuring warning, parameter protection and switch control
- Support monitoring single or parallel packs, support single pack connection switch at any time.
- Chinese and English switch
- 1.1 Application

The manual will fit for below model:

EMU1101 V14 (24V~48V)

EMU1101 V15 (24V~48V)

- EMU1203 V16 (24V~48V)
- 1.2 User

This manual is for technical staff in test guidance in the factory, also the operation guidance for user in practical use.

#### 2. Operation

2.1 APK download and install



https://www.pgyer.com/sa7t

Scan QR code or click the following link to download the application.

And click to install.

- 2.2 Login
- 1. Click app icon
- 2. Input user name and password
- 3. Account: admin Password: 111111
- 4. Click "Login"
- 5. Click "English" to switch to English interface

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BA	AS		вмз	
		admin		
		admin		
Log	gin		Login	
	切换	为中文		切换为中

After login, all the packs' information will be displayed on the interface. -Single pack: will show the BP00 due to the Single pack all address code is zero.

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Device	e	<		
Device:[BP00]:(-81db)		Number Of Strings 16	SOC:49.9% 51.41V 0.00A Standby	Remaining Capacity 49.98Ah
		Alarm: 0Alarm	Info 🔶 Prot	ection: 0
		Battery Type LFP Port Voltage 51.44V	Rated Capacity 100.0Ah Number Of Cycles 1	Battery Capacity 100.00Ah SOH 100.0%
		Max Mir Voltage Volta 3.221V 3.20	ni Max M age ture t 6V 23.7°C 23	Mini Power mpera Tempera ure ture 3.6°C 24.5°C
		Inverter CAN		PN_GDLT >
		Inverter 485		PN >
ReScan De	vice	Single	>	evice Detail
Device	© My	🖍 Set Para	am 😰	Switch Setting
			0	

-Parallel pack: only show the master pack BP00 to avoid incorrect

connection by user. Click 'Single' to choose the paralleled battery pack. And Click 'device details' to get the pack detailed information.

		< Device Info
Inverter CAN	PN_GDLT	Voltage Temperature voltage6: 3.222V Tempe3: 23,77 Mini Mini Mini Voltage Temperature voltage4: 3.207V Tempe1: 23,67
		voltage1 3.215V Tempe1 Min 23 voltage2 3.209V Tempe2 23
Inverter 485	PN >	voltage3 3.210V Tempe3 Mar 23 voltage4 Mar 3.207V Tempe4 23 voltage5 3.213V Environment Temperature 27
Single >	Device Detail	Vottage7 3.217V Temperature 24 vottage8 3.211V totage8 vottage8 3.222V vottage10 3.209V vottage11 3.211V
🖍 Set Param	Switch Setting	voltage12 3.213V voltage13 3.219V voltage14 3.212V voltage15 3.218V voltage16 3.212V

#### 2.3 Interface introduction

Click the 'Alarm' and 'Protection' . The detailed protection and

alarm information will be displayed.



Click 'Set parameters' and 'switch settings' to configure the warning and protection threshold value, and switch on/off the functions.

	Inverter CAN				PN_GDLT				
	Inverter 485						PN >		
	Single >		De						
C	1 8	Set Para	m	]	19	Switch	Setting		
III ** 川 念			* 💷 9:37		III <sup>46</sup> ull 🙃		* 1	9:38	
<		Param			<				
cell voltag	ge relative				invalidation				
Monomer high voltage alarm	3.500 V	Monomer high pressure recovery	3.400	V	Voltage sensor invalidation		Temperature sensor invalidation		
Monomer low pressure alarm	2.900 V	Monomer low pressure	3.000	V	Current sensor invalidation		Button switch invalidation		
Monomer		Monomer			Cell differential pressure invalidation		Charge switch invalidation		
overvoltage protection	3.650 V	overvoltage recovery	3.400	V	Discharge switch invalidation		Current limit switch invalidation		
Monomer undervoltage protection	2.700 V	Monomer undervoltage recovery	2.900	V	monomer				
Equalization opening voltage	3.400 V	Battery low voltage forbidden charging	1.500	V	Monomer high voltage alarm		Monomer overvoltage protection		
total volta	age relative				Monomer low pressure alarm		Monomer undervoltage protection		
Total pressure high pressure alarm	56.00 V	Total pressure and high pressure recovery	54.00	V	total voltage		Total_voltage		
Total pressure		Total pressure			pressure alarm		overvoltage protection		
low pressure alarm	46.40 V	and low pressure recovery	48.00	V	Total pressure low pressure alarm		Total_voltage undervoltage protection		
Total_voltage	57.00 M	Total pressure	F 1 00						
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#### Click 'Inverter CAN' and 'Inverter 385' to switch protocols.



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