

# APS5000 Upper Software Installation



APS 5000 Upper Software installation and use instructions

## Install Software

1. Install the RS232 driver

CH341SER (340芯片请安装这个)	2019/3/18 16:34	应用程序	238 KB
-----------------------	-----------------	------	--------

2. Unzip the host software package

PBmsLVTools	2024/5/27 10:38	ZIP 文件	13,218 KB
PBmsLVTools	2024/6/15 15:10	文件夹	

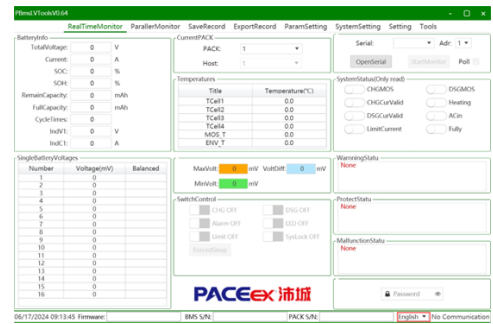
## PBms LV Tools

After unzip, find and open the software PBmsLVTools in the folder

名称	修改日期	类型	大小
Microsoft.Windows.Shell.dll	2024/1/29 15:37	应用程序扩展	150 KB
Newtonsoft.Json.dll	2024/1/29 15:37	应用程序扩展	563 KB
Newtonsoft.Json	2024/1/29 15:37	Microsoft Edge ...	551 KB
NModbus4.dll	2024/1/29 15:37	应用程序扩展	74 KB
NModbus4	2024/1/29 15:37	Microsoft Edge ...	114 KB
Panuon.UI.Silver.dll	2024/1/29 15:40	应用程序扩展	703 KB
Panuon.UI.Silver.pdb	2024/1/29 15:40	PDB 文件	1,022 KB
PBmsLVTools	2024/1/29 15:40	应用程序	3,398 KB
PBmsLVTools.pdb	2024/1/29 15:40	PDB 文件	7,680 KB
System.Data.SQLite.dll	2024/1/29 15:37	应用程序扩展	401 KB
System.Windows.Interactivity.dll	2024/1/29 15:37	应用程序扩展	39 KB
System.Windows.Interactivity	2024/1/29 15:37	Microsoft Edge ...	61 KB
unins000	2024/5/22 14:24	CAXA 公式曲线文...	48 KB
unins000	2024/5/22 14:24	应用程序	3,112 KB
Xceed.Wpf.AvalonDock.dll	2024/1/29 15:37	应用程序扩展	445 KB
Xceed.Wpf.AvalonDock.Themes.Aer...	2024/1/29 15:37	应用程序扩展	85 KB
Xceed.Wpf.AvalonDock.Themes.Met...	2024/1/29 15:37	应用程序扩展	78 KB
Xceed.Wpf.AvalonDock.Themes.VS2...	2024/1/29 15:37	应用程序扩展	83 KB

## The main page of the host software

The main page of the host software



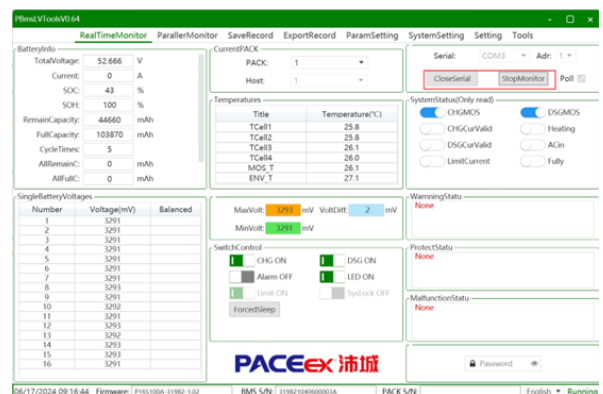
## RS232 Communication Box

Connect the battery to the computer using an RS232 communication box, Check the COM port and address information, Ad. Consistent with the DIP switch address of the monitored battery.



## Select the POLL Option

First open the serial port, then start the monitoring. If to view parallel information, select the POLL option.



## Monitors Data and Save to Database

Parelle monitors data in real time and supports export. Select Show Monitor to display the current data, Save to Database, and Export Data to export the current data. (The current data store has a capacity limit. If the capacity exceeds the limit, old data will be overwritten)

No.	Date Time	PackNo	Current(A)	TotalVoltage(V)	RemainingCapacity(mAh)	FullCapacity(mAh)	SOC(%)	SingleMaxVoltage(mV)	SingleMinVoltage(mV)
1	2024-6-17 9:17:19	1	0	52.650	4460	10380	43	3291	3291
2	2024-6-17 9:17:21	1	0	52.650	4460	10380	43	3291	3291

## BMS Record Saving

Save Record supports reading BMS stored data and BMS time calibration

No.	Date Time	PackNo	Current(A)	TotalVoltage(V)	RemainingCapacity(mAh)	FullCapacity(mAh)	SOC(%)	SingleMaxVoltage(mV)	SingleMinVoltage(mV)
1	2024-6-16 16:9:8	1	0	52.656	4460	10380	43	3291	3291
2	2024-6-16 16:35:52	1	0	52.655	4460	10380	43	3291	3290
3	2024-6-16 15:32:16	1	0	52.654	4460	10380	43	3291	3290
4	2024-6-16 15:31:48	1	0	52.655	4460	10380	43	3291	3290
5	2024-6-16 15:18:49	1	0	52.634	4460	10380	43	3290	3288
6	2024-6-14 10:29:21	1	0	52.674	45380	10380	44	3293	3291
7	2024-6-14 9:51:44	1	0	52.682	45380	10380	44	3293	3291
8	2024-6-13 16:35:4	1	0	52.679	45380	10380	44	3293	3291
9	2024-6-13 16:33:31	1	0	52.678	45380	10380	44	3293	3291
10	2024-6-12 10:46:44	1	0	52.684	45380	10380	44	3293	3291
11	2024-6-8 16:34:43	1	0	52.593	45380	10380	44	3288	3286
12	2024-6-8 15:32:26	1	0	52.529	45380	10380	44	3284	3282
13	2024-6-8 14:38:10	1	0	52.814	55340	10380	53	3301	3300
14	2024-6-8 14:10:18	1	0	52.765	55340	10380	53	3298	3296
15	2024-6-8 8:41:28	1	0	52.833	55780	10380	54	3303	3301
16	2024-6-8 8:36:43	1	0	52.843	55780	10380	54	3303	3301
17	2024-6-7 20:24:25	1	0	52.846	55780	10380	54	3303	3301

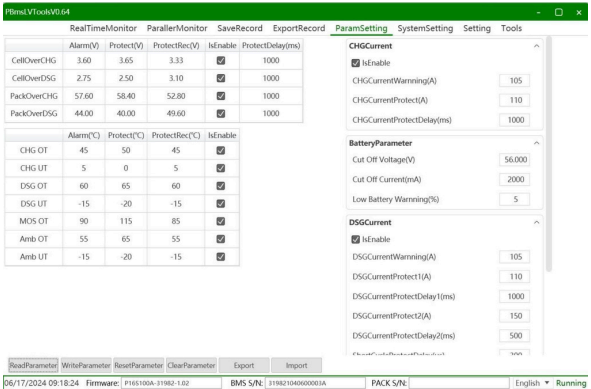
## BMS stored data

Export record can view the history of the Export Data operation and choose to export the BMS stored data.

Table Name	Save Time
data20240301092318	03/01/2024 09:23:18
data20240617091719	06/17/2024 09:17:19

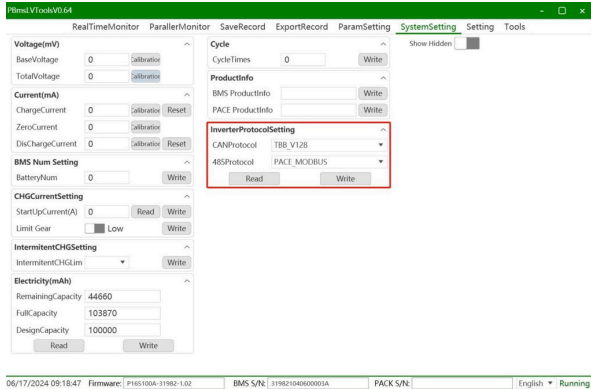
## Parameter Settings

Parameter Settings You can read and set related parameters.



## System Setting

System Settings can set system parameters and protocol information. Select the corresponding CAN protocol and RS485 protocol.



## Contact Us

**Email:** info@aesonpower.com.au    **Website:** www.aesonpower.com.au

**Phone:** +61 3 9545 5993    **Address:** 63-67 Smeaton Avenue, Dandenong South VIC 3175