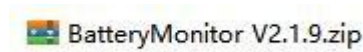




SEPLoS BatteryMonitor Installation Guide

Dongguan Seplos Technology Co., Ltd

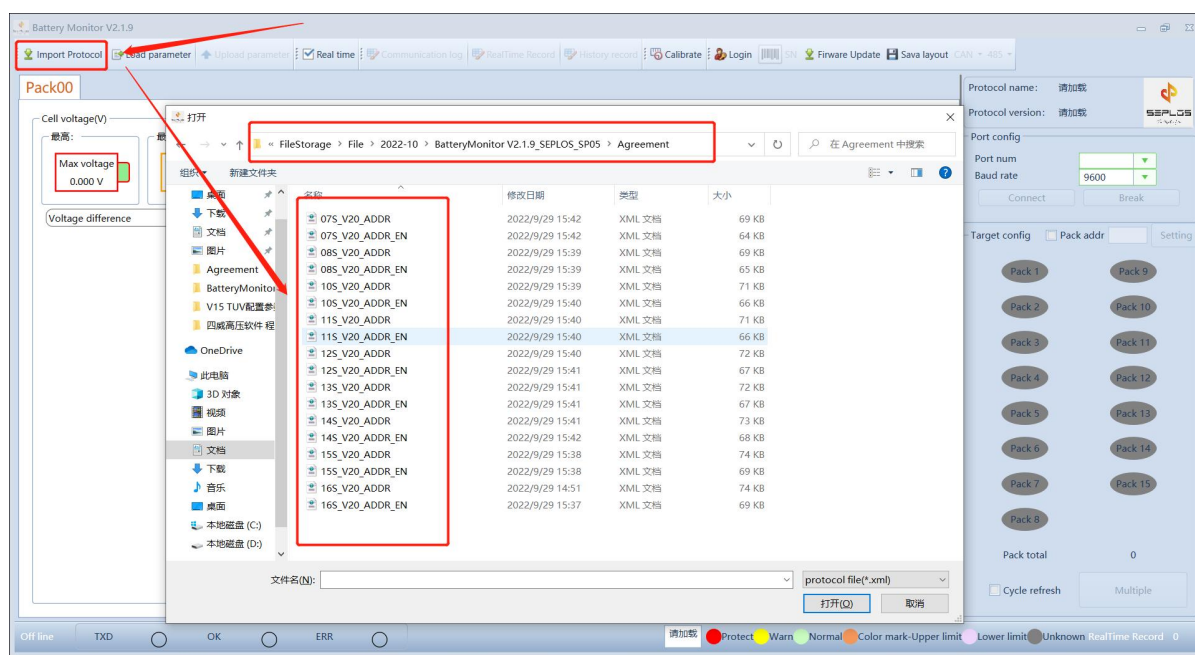
1. Unzip the BatteryMonitor file

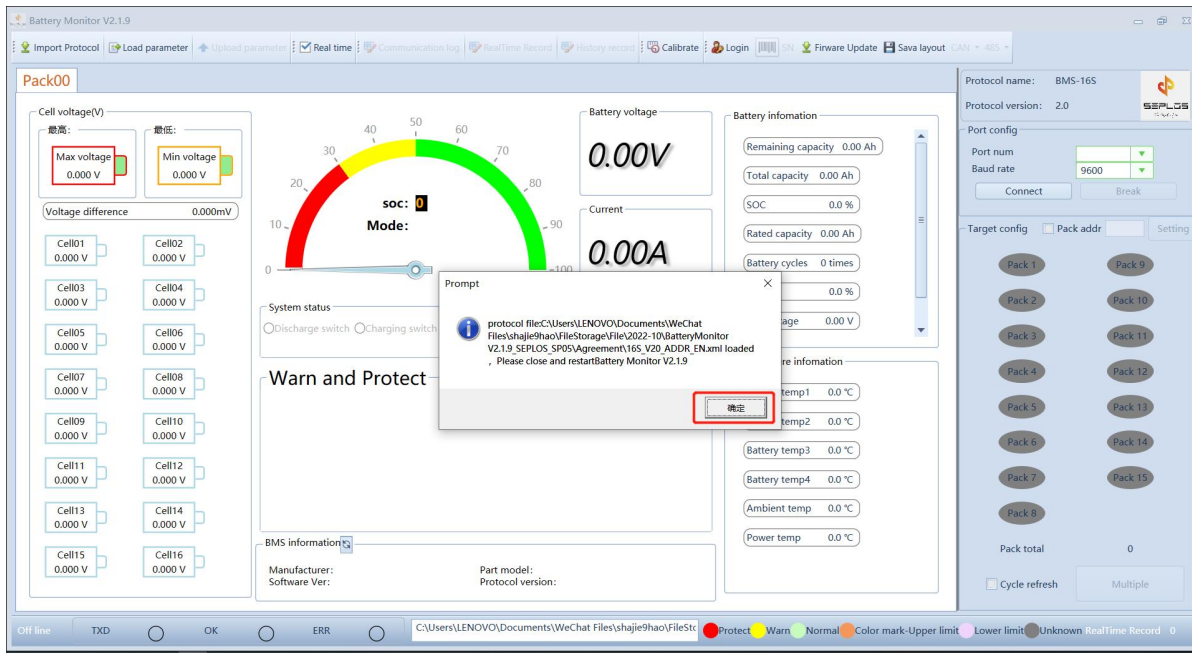


2. Open the folder - Find the application file - Double click the application to run the software

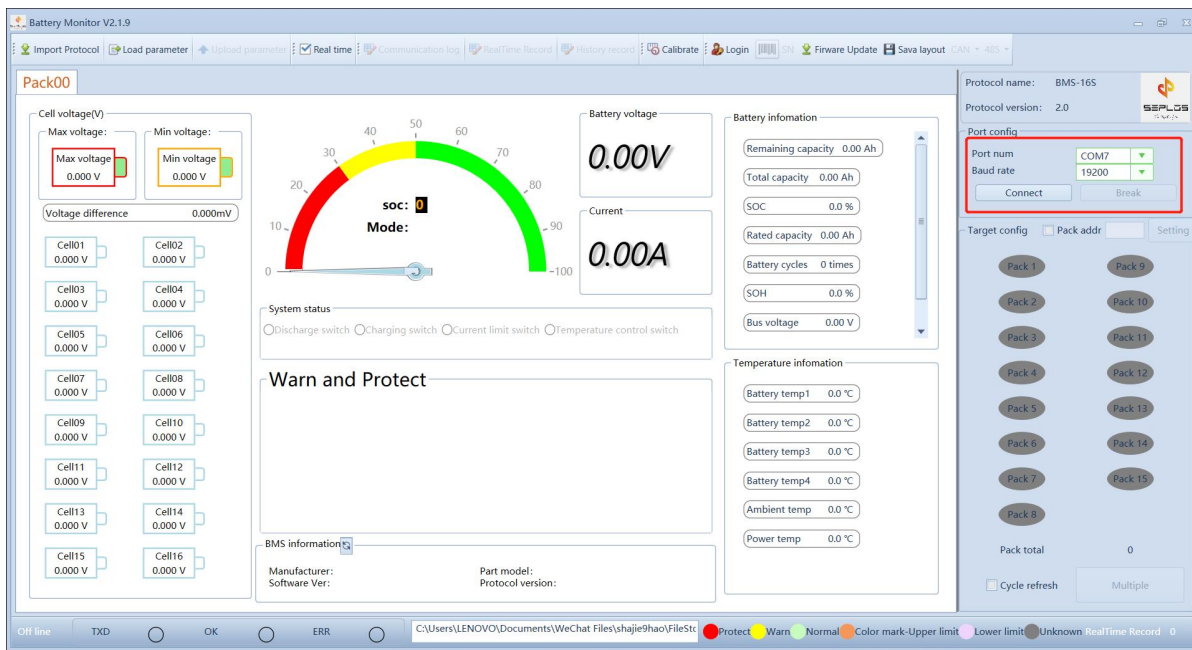
名称	修改日期	类型	大小
Agreement	2022/10/6 15:14	文件夹	
de	2022/10/6 15:14	文件夹	
es	2022/10/6 15:14	文件夹	
ja	2022/10/6 15:14	文件夹	
Languages	2022/10/6 15:14	文件夹	
logs	2022/10/6 15:14	文件夹	
RealTimeRecord	2022/10/6 15:14	文件夹	
ru	2022/10/6 15:14	文件夹	
BatteryMonitor	2022/9/5 21:37	应用程序	2,078 KB
BatteryMonitor.exe.config	2021/10/20 19:52	CONFIG 文件	3 KB
BatteryMonitor.pdb	2021/10/20 20:10	PDB 文件	522 KB
DevExpress.Data.v15.2.dll	2017/11/17 21:43	应用程序扩展	5,082 KB
DevExpress.Data.v15.2	2017/11/17 21:43	XML 文档	1,098 KB
DevExpress.Images.v15.2.dll	2017/11/17 21:43	应用程序扩展	3,221 KB

3. Click 'import protocol' - Find the open the 'Agreement' file - choose the corresponding agreement (The one end with 'EN' means English version agreement) - Click 'open' - Click 'confirm'

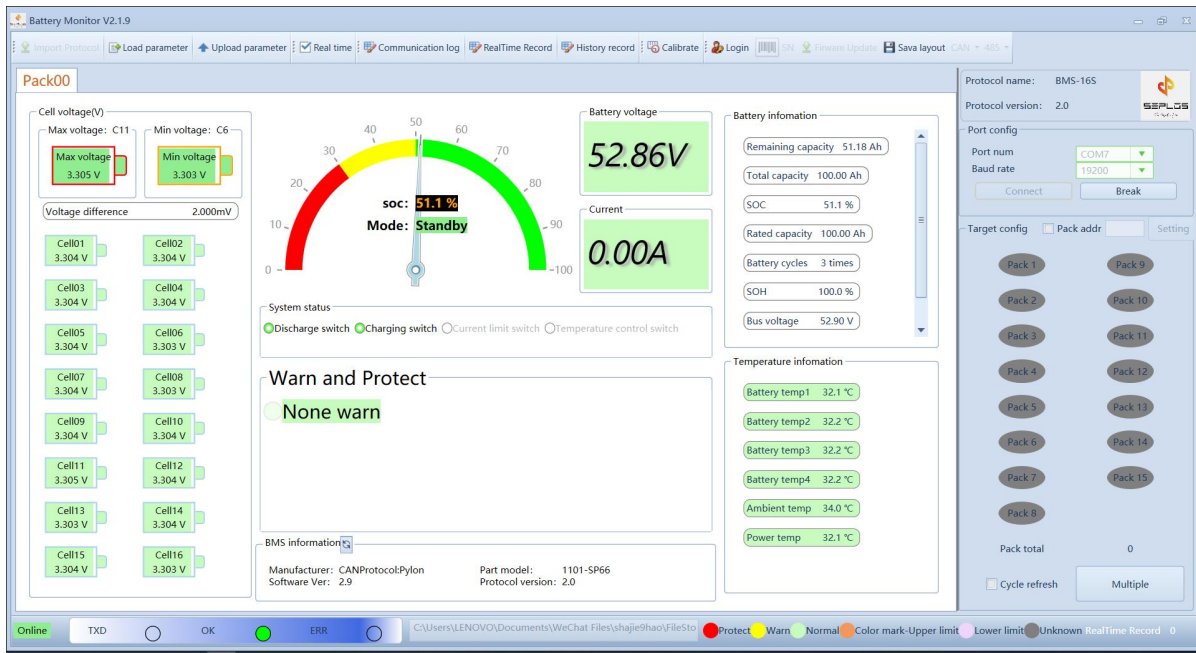




4. Choose the port number (the port number of USB to RS485 adapter can be identified automatically) - Choose baud rate 19200 - Click 'Connect' .

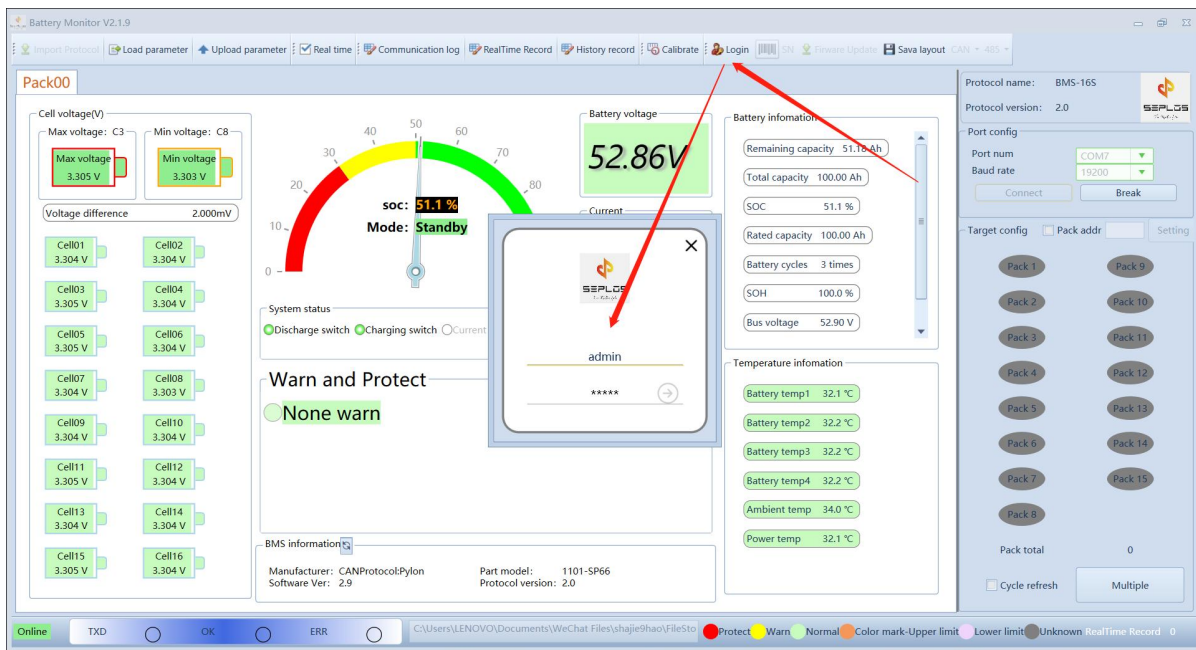


If successfully connected, the battery information will be displayed as the following screenshot.



5. Login

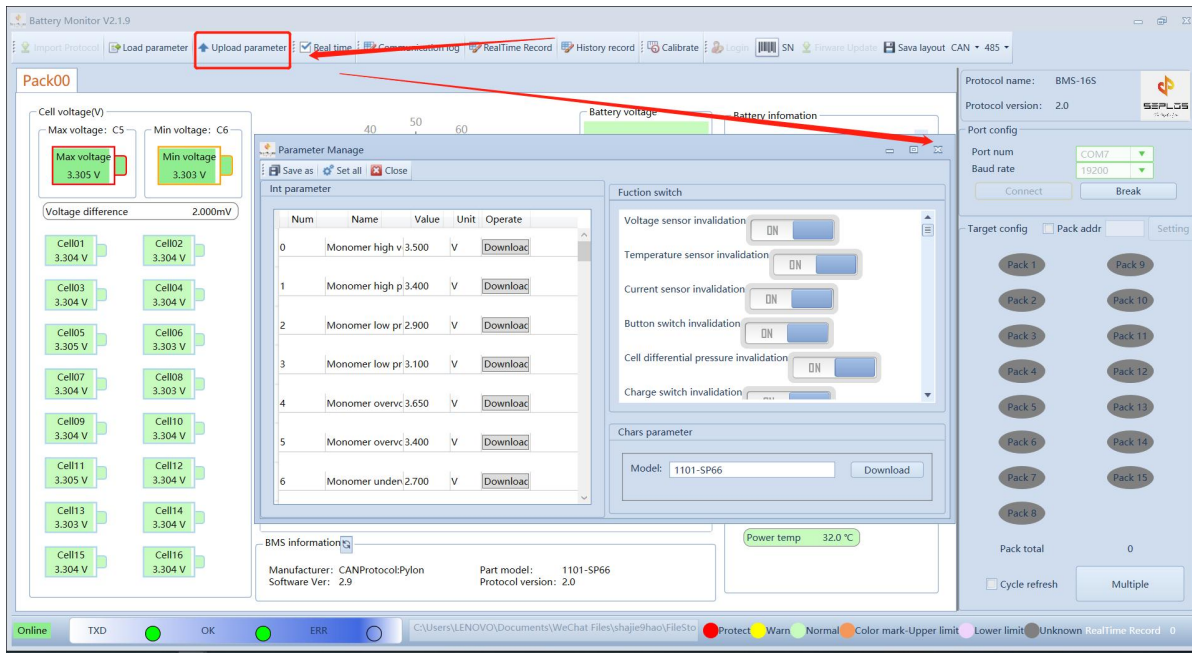
Login account: admin/Password: admin



6. Upload parameter (to upload parameter to the software)

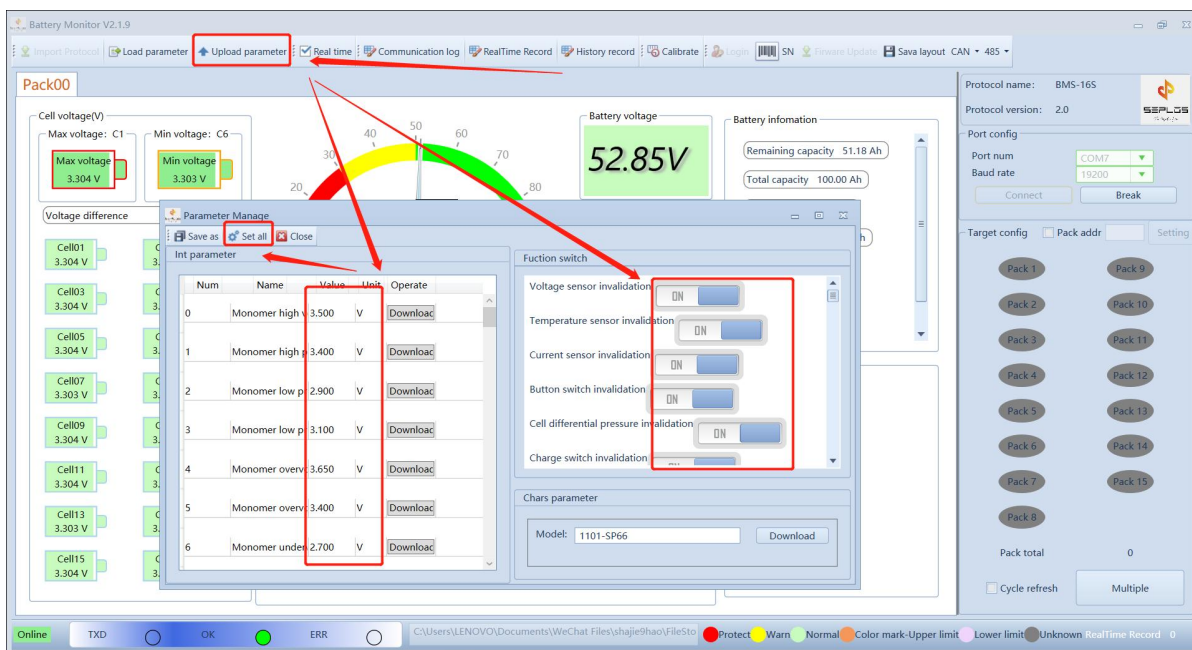
Load parameter (to load parameter settings from software)

Note: When running the software for the first time, need upload parameter, then load parameters



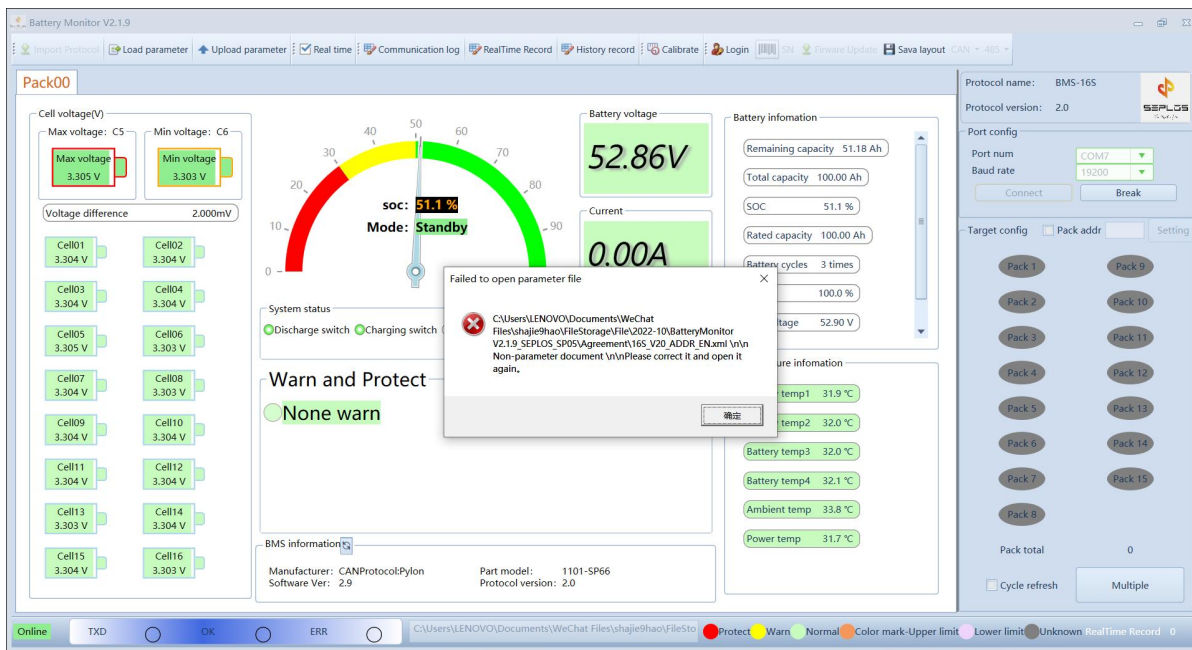
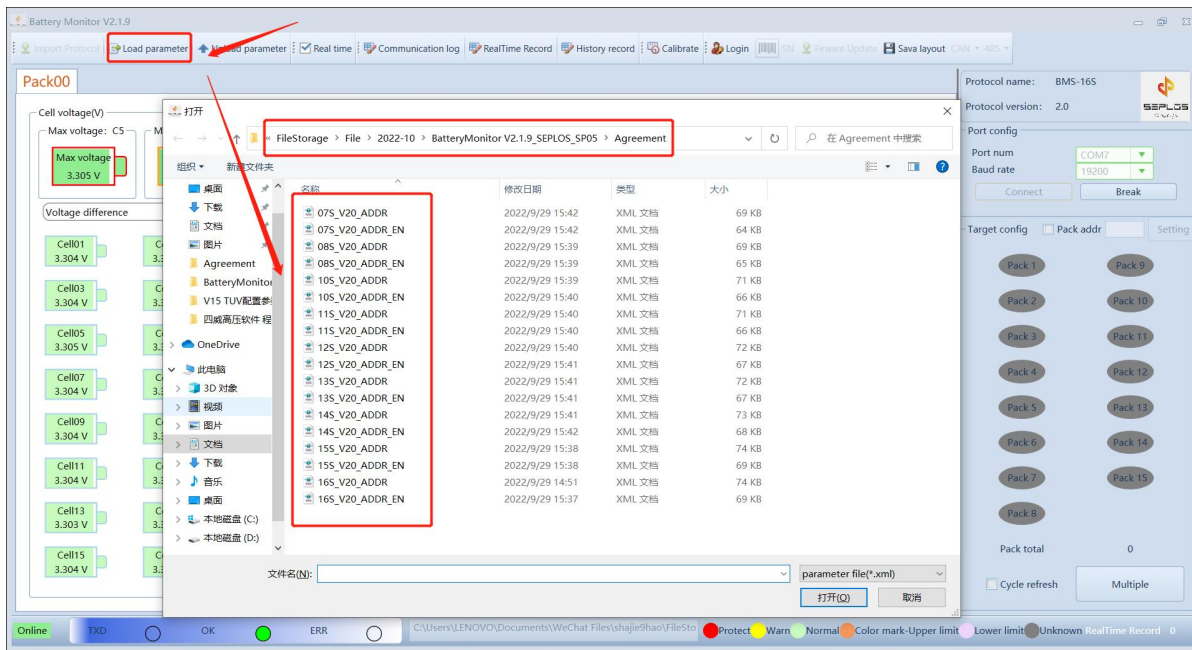
7. Modify parameter

- Click 'upload parameter'
- Modify the parameter or turn on/off the functions
- Click 'Set all' to save the modification



8. Load parameter

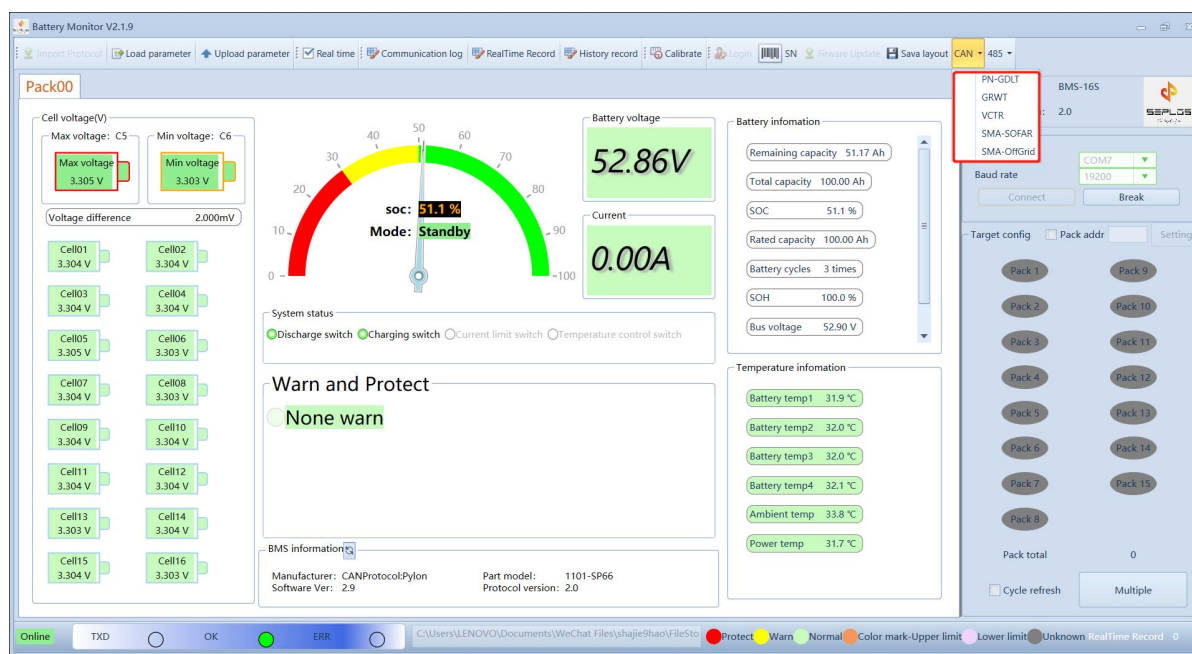
Click 'load parameter' - Click 'open'

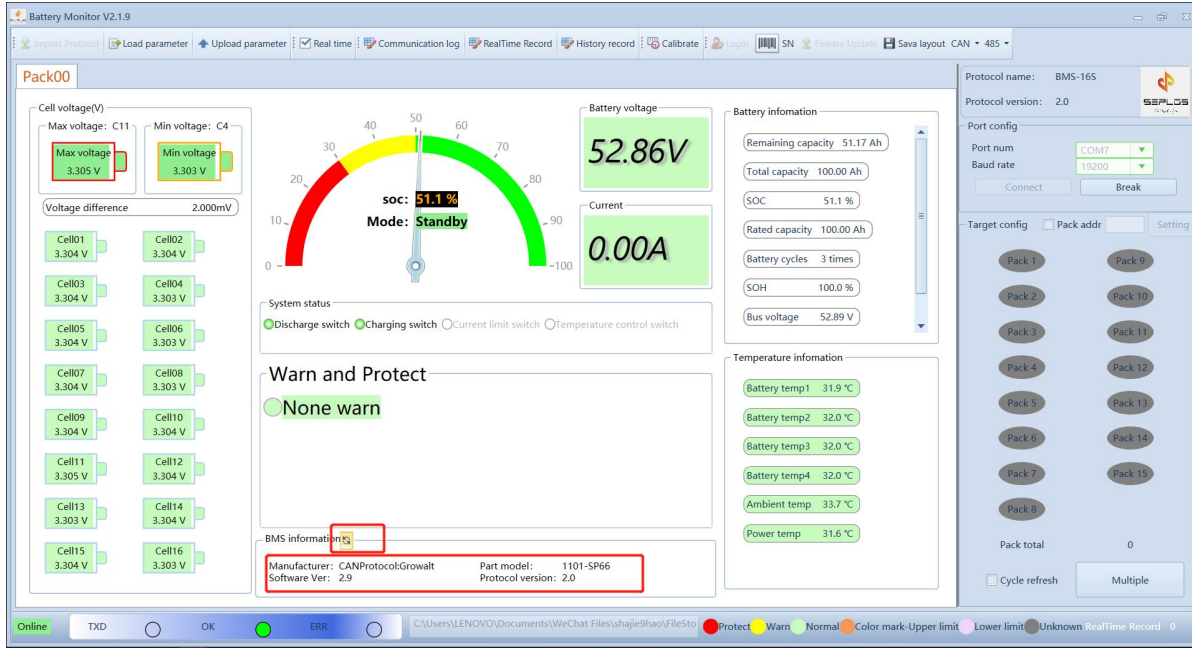
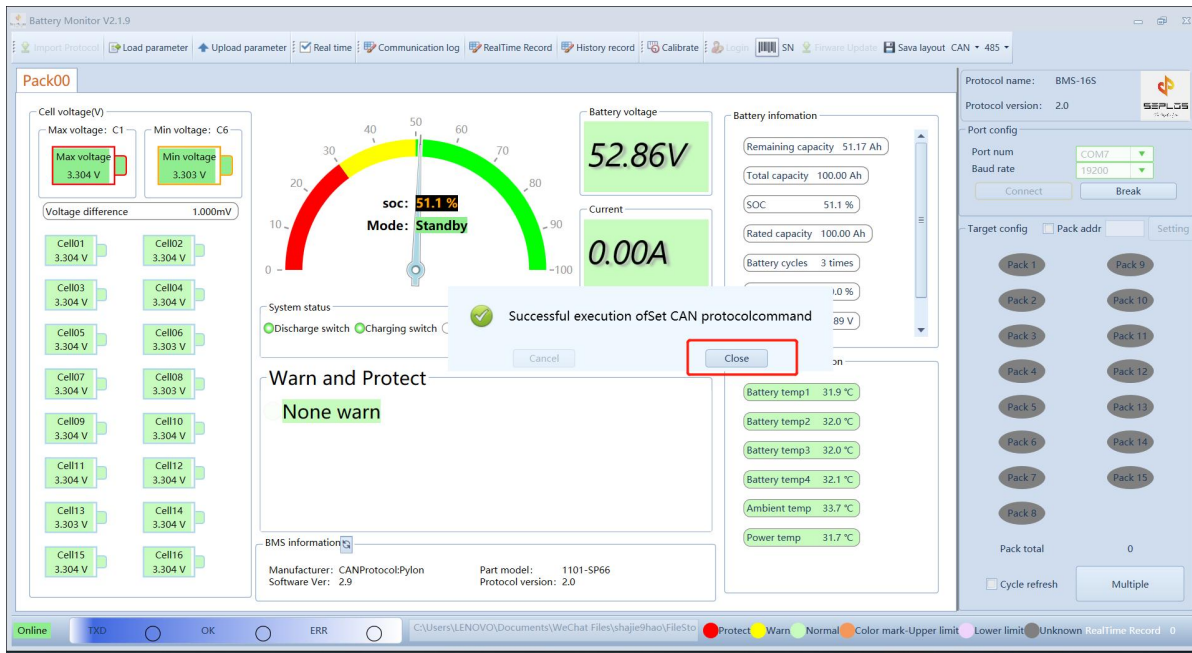


9. Communication protocol

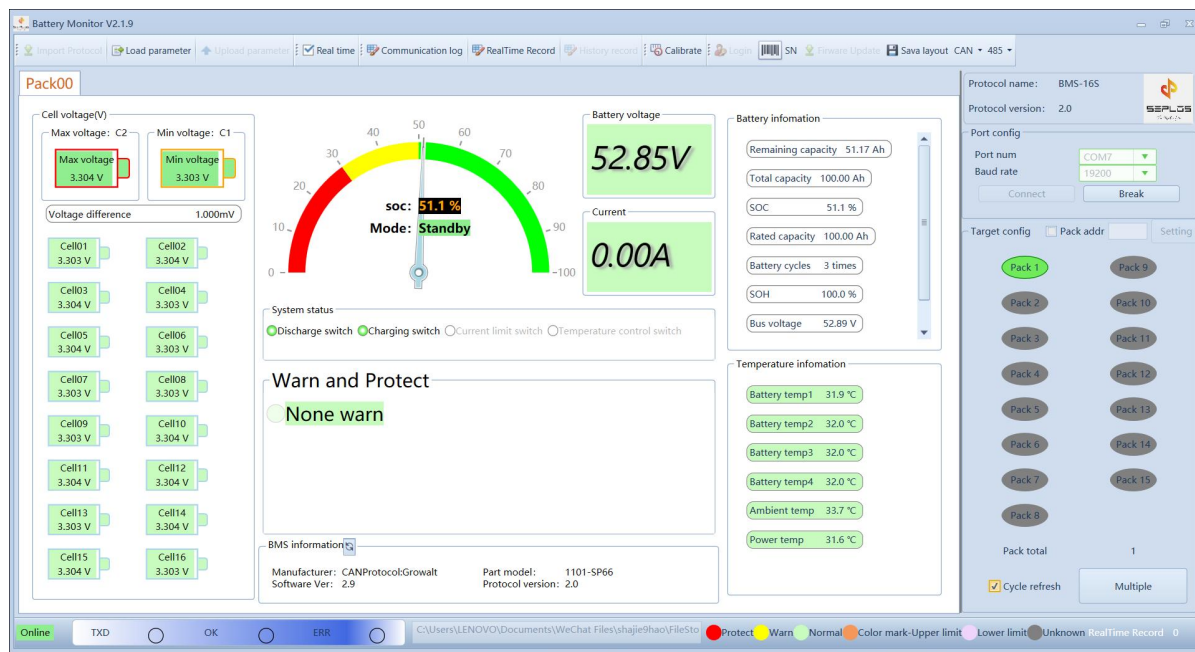
Protocol Type	Compatible Inverter
PN-GDLT	Pylontech/Goodwe/TBB/ Luxpower/DEYE
GRWT	Growatt SPF/SPH
VCTR	Victron
SMA-SF	SMA/SOFAR
GINL	Solis
Studer	Studer

Click the pull-up menu of 'CAN' - and choose the corresponding protocols according to inverters - Click 'Close' refresh the software - The corresponding inverter manufacturer information will be displayed





10. Software interface



Interface specifications

Item	Introduction	Remark
Max voltage	The maximum cell voltage value	
Min voltage	The minimum cell voltage value	
Voltage difference	The voltage difference between highest cell and lowest cell	
Battery voltage	Battery pack voltage	
Current	Charging/discharging current (-*)	
Remaining capacity	The remaining capacity	configurable
Total capacity	The real capacity of battery pack	
SOC	State of charge	
Rated capacity	Rated capacity	configurable
Battery cycles	80% DOD for one cycle	

SOH	State of health	Green: ON Grey: OFF
BUS voltage	BUS bar voltage	
Discharge switch	Discharge indicator	
Charging switch	Charge indicator	
Current limit switch	Current limit indicator	
Temperature control switch	Temperature control indicator	
Warn and protect	Battery status	
Battery temp1	Temperature value of cell 1	
Battery temp2	Temperature value of cell 2	
Battery temp3	Temperature value of cell 3	
Battery temp4	Temperature value of cell 4	
Ambient temp	Ambient temperature	
Power temp	MOSFET temperature	

11. Parallel connection

Maximum 16 packs connected in parallel. Choose the corresponding pack number according to DIP address settings with the software.

The paralleled pack quantity is will displayed.

Select the cycle fresh, all the paralleled packs' information will be displayed in turn.

And click multiple, all the packs' details is displayed in one page.

