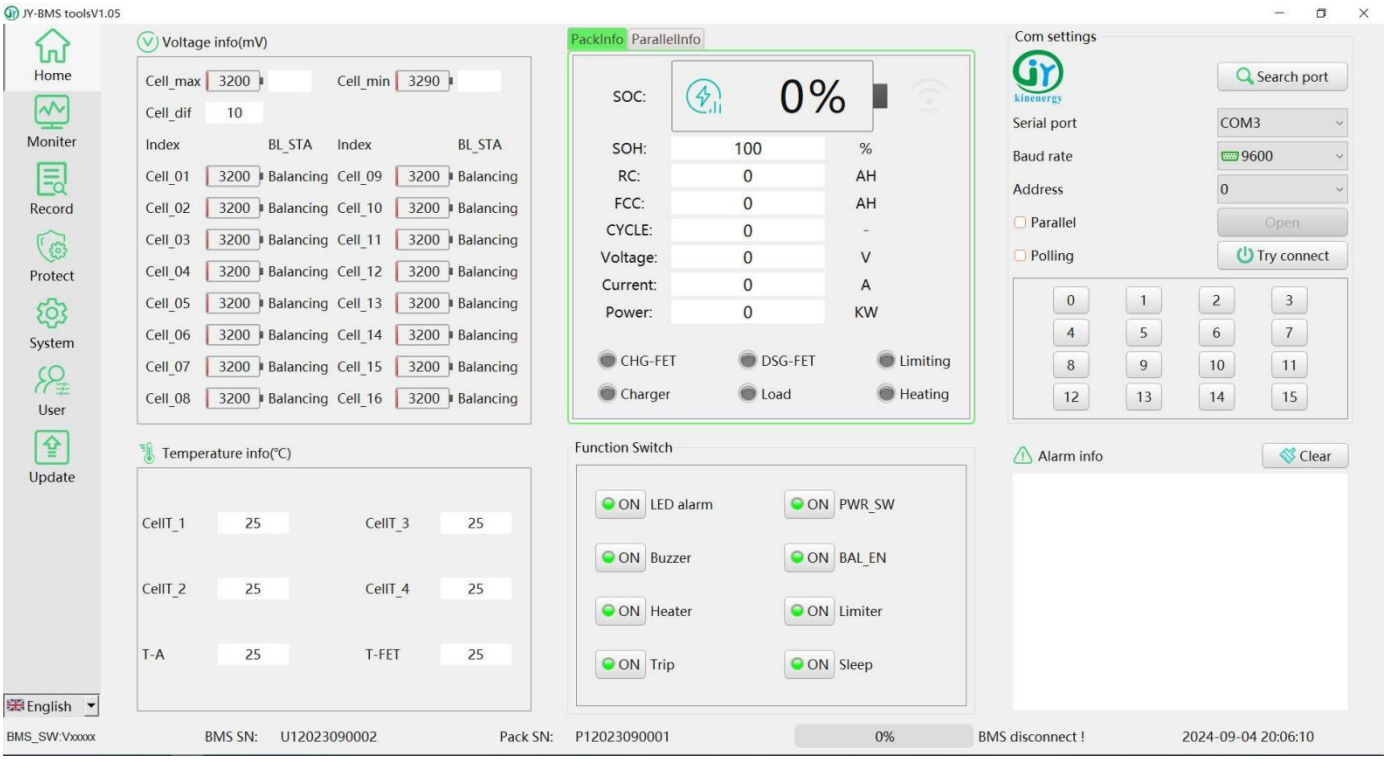
3-6.Upper machine instructions

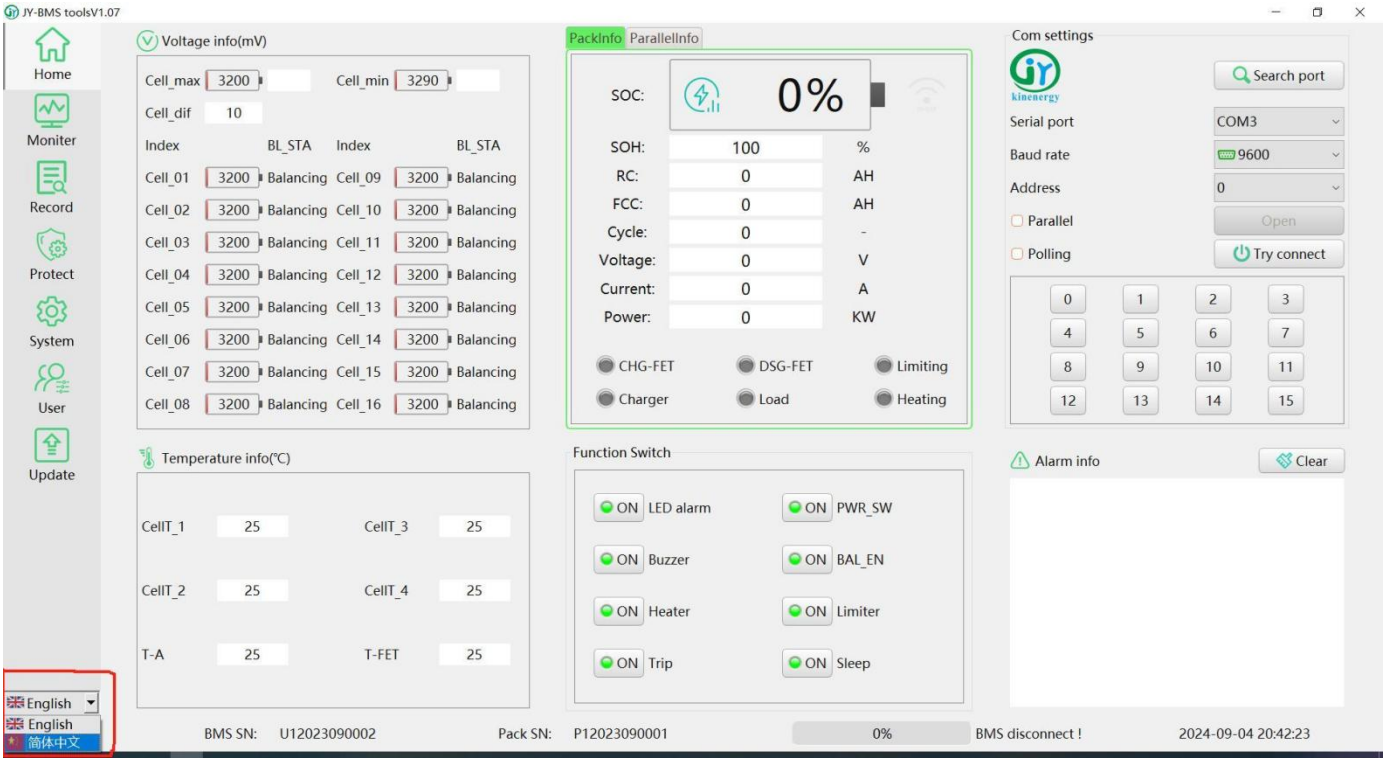
上位机说明选项

A、A.Power on the Golden YU upper computer打开金昱上位机

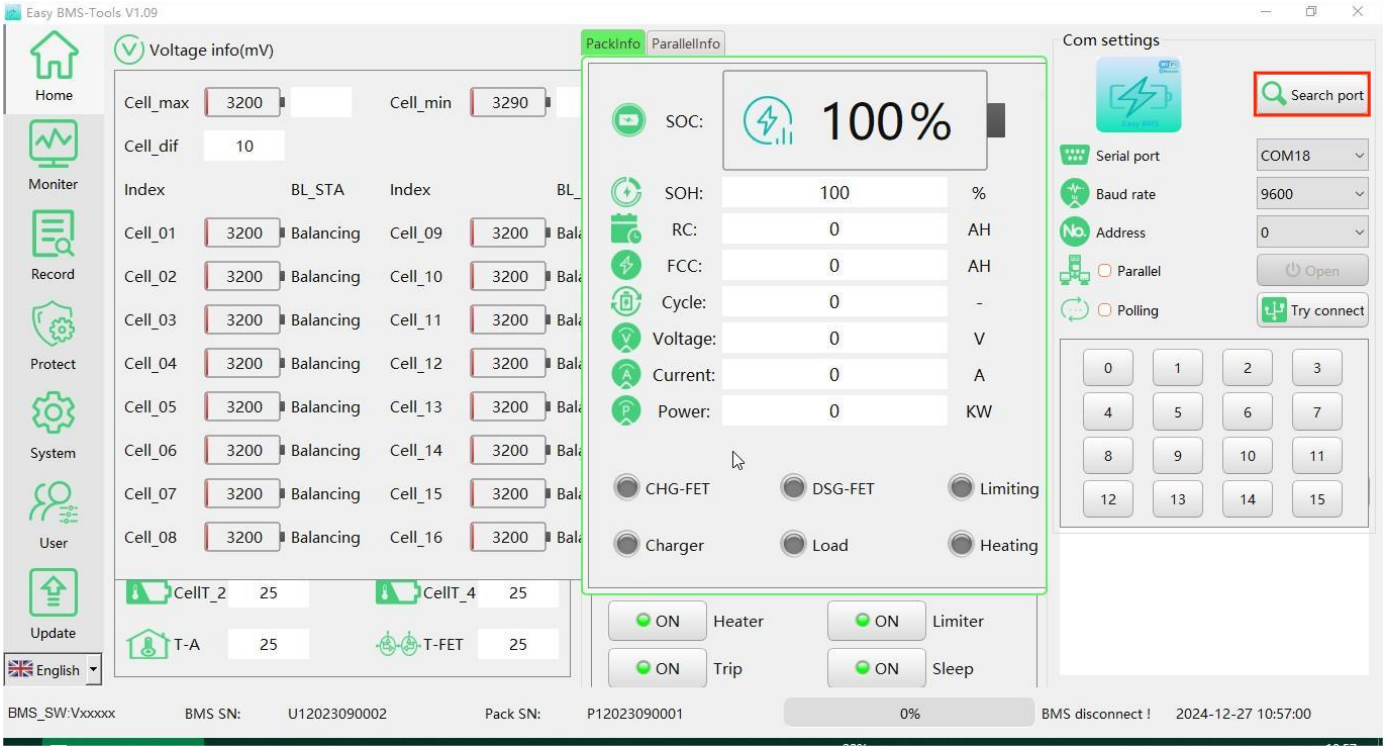


B.Switch between Chinese and English modes (skip for users in English mode)

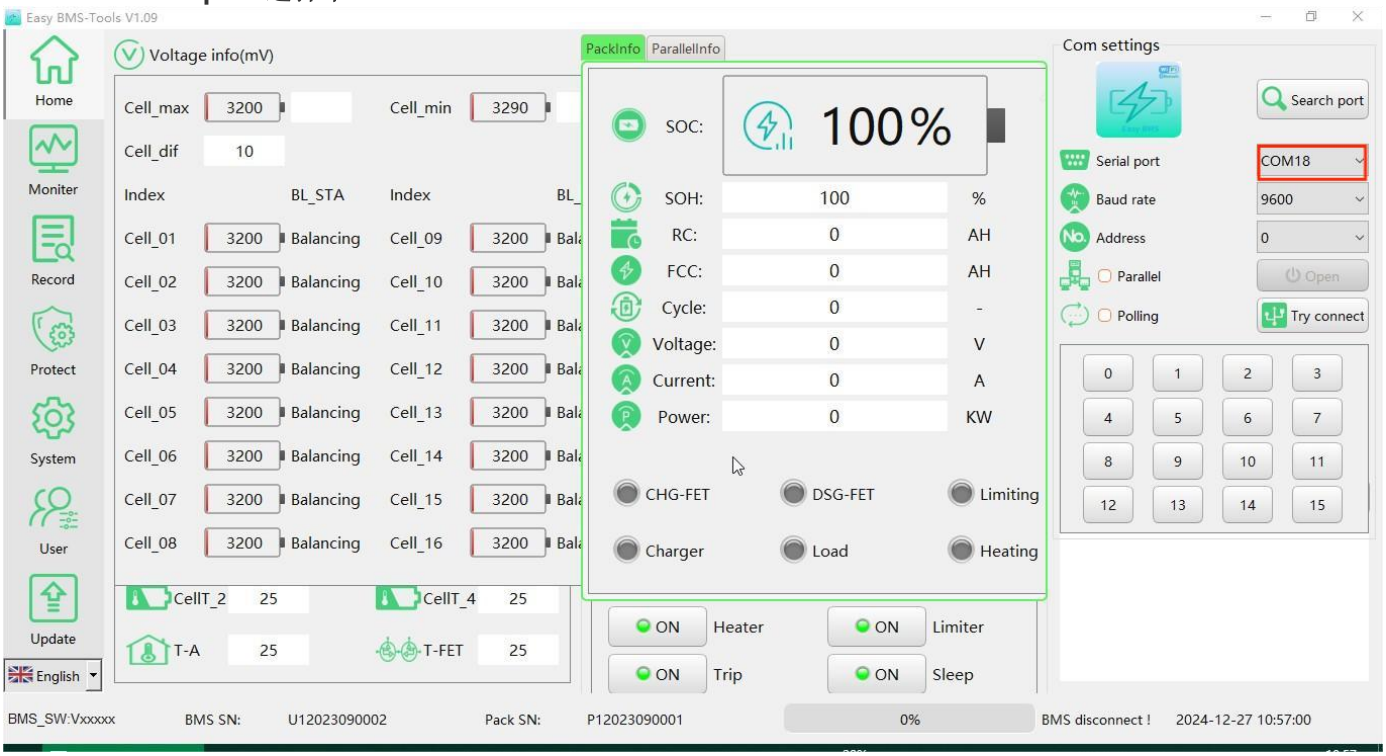
切换中英模式（英文模式用户跳过）



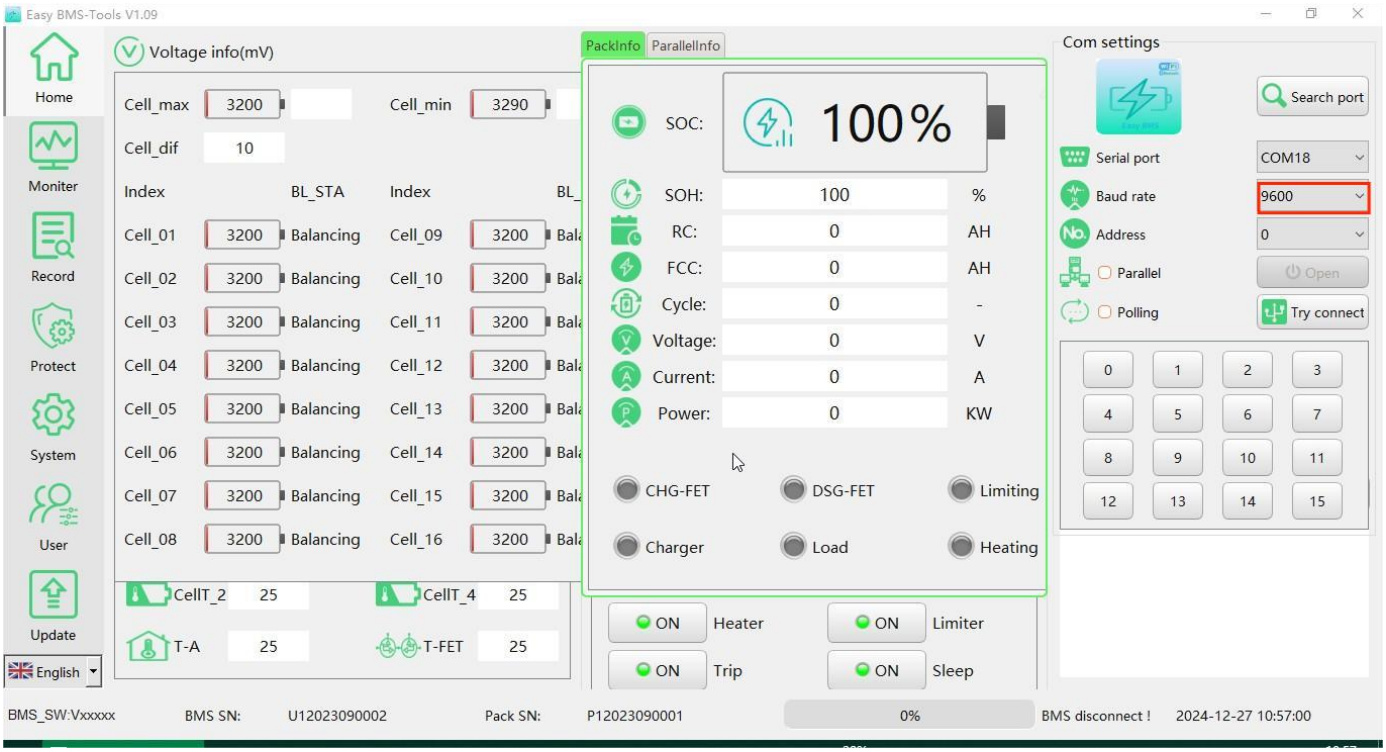
C.Search serial port 搜索串口



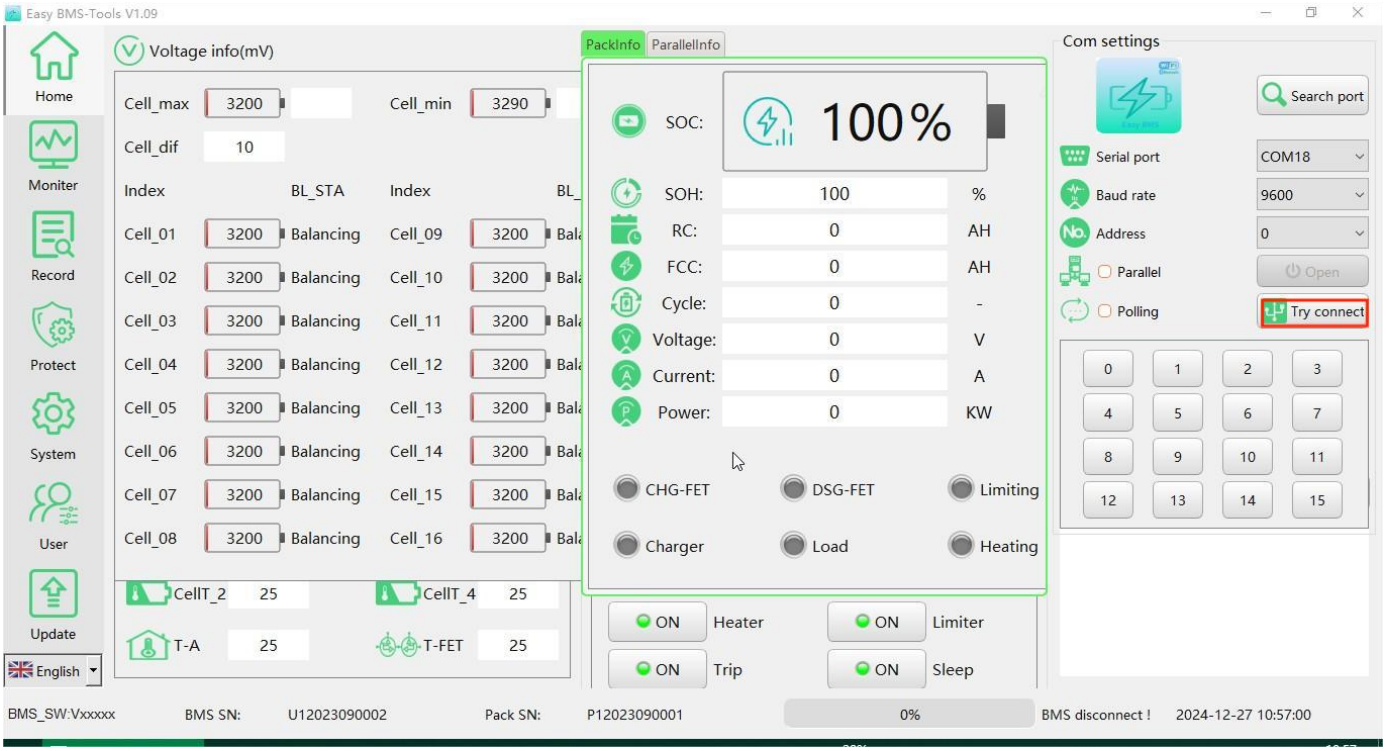
D.Select serial port 选择串口



E.Select baud rate 选择波特率



F.Try to connect 尝试连接



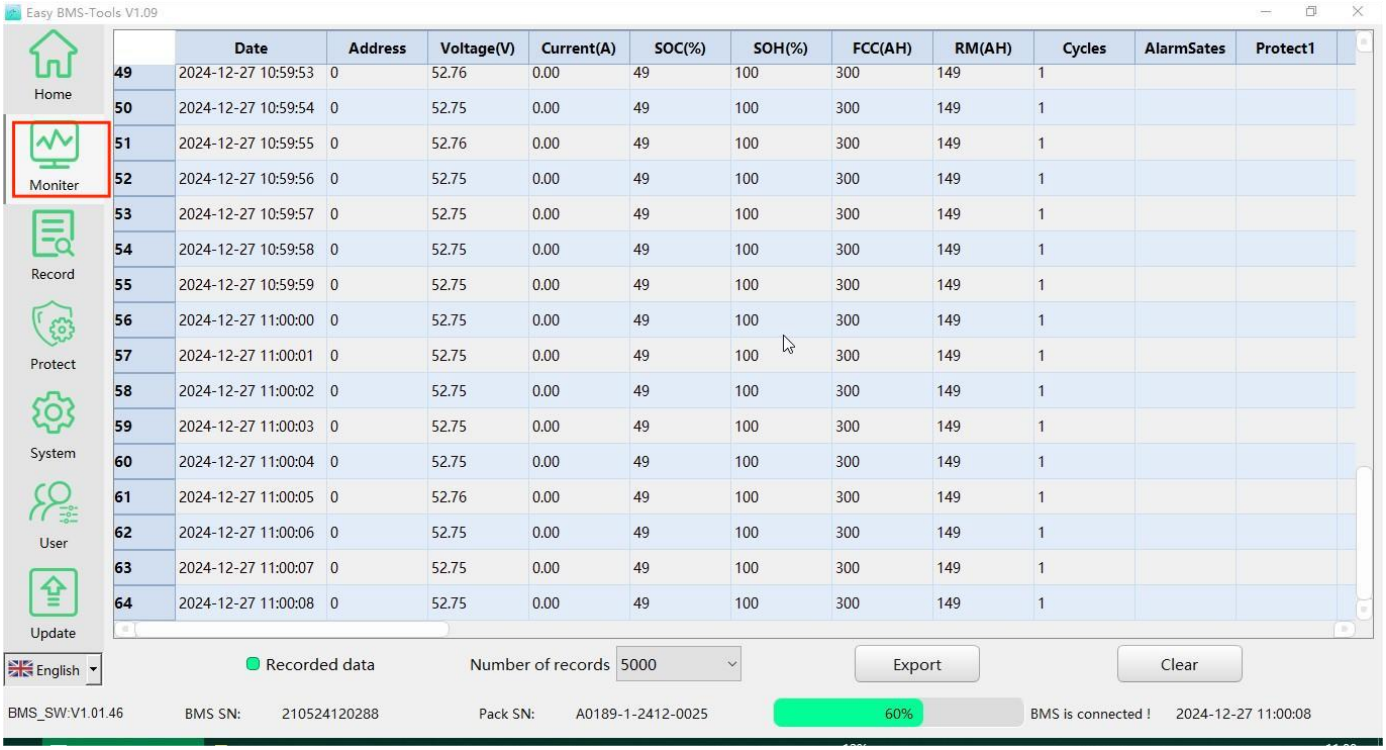
G.Connection succeeded 连接成功

3-7 Basic information of the master station homepage 上位机主页的基本信息

1 Switching between Chinese and English modes on the host computer
上位机中英文切换模式
2 BMS tests the highest and lowest voltages of a certain series of cells in the battery pack and their voltage difference.
BMS 检测电池包某串电芯最高电压和最低电压与其之间的压差
3 BMS monitors the current voltage status of all cells in real time.
BMS 实时检测所有电芯当前电压状态
4 BMS detects the current temperature of 4 cell channels, ambient temperature, and MOSFET temperature.
BMS 检测当前的 4 路电芯温度、环境温度、MOS 管温度
5 Switching between single-unit battery mode and parallel battery mode status information
单机电池模式与并机电池模式状态信息切换

6 Current battery information, BMS charge and discharge enable, current limiting, external load, charger access, and heater film status detection
当前电池信息以及 BMS 充放电使能、限流、外部负载、充电器接入、加热膜状态检测
7 Current BMS enable switch status
当前 BMS 使能开关状态
8 Connect to the upper computer: Search for the serial port and then select the serial port and baud rate (9600-11200), and click Try to Connect! If you need to connect in parallel, please check the parallel mode, and then sequentially poll and monitor the status the parallel batteries.
连接上位机方式：搜索串口然后选择串口和波特率（9600-115200）并点击尝连接！需并机请勾选并机模式，再依次轮询监控并机电池状态
9 Check the current number of monitorable battery packs
9 检测当前可监控电池包数量
10 indicates the current battery pack warning protection information.
提示当前电池包告警保护信息
11 Display the current BMS software version information, serial number, and battery pack serial number
显示当前 BMS 软件版本信息、序列号、电池包序列号
12 Display the current BMS connection status with the host computer
显示当前 BMS 与上位机的联机状态

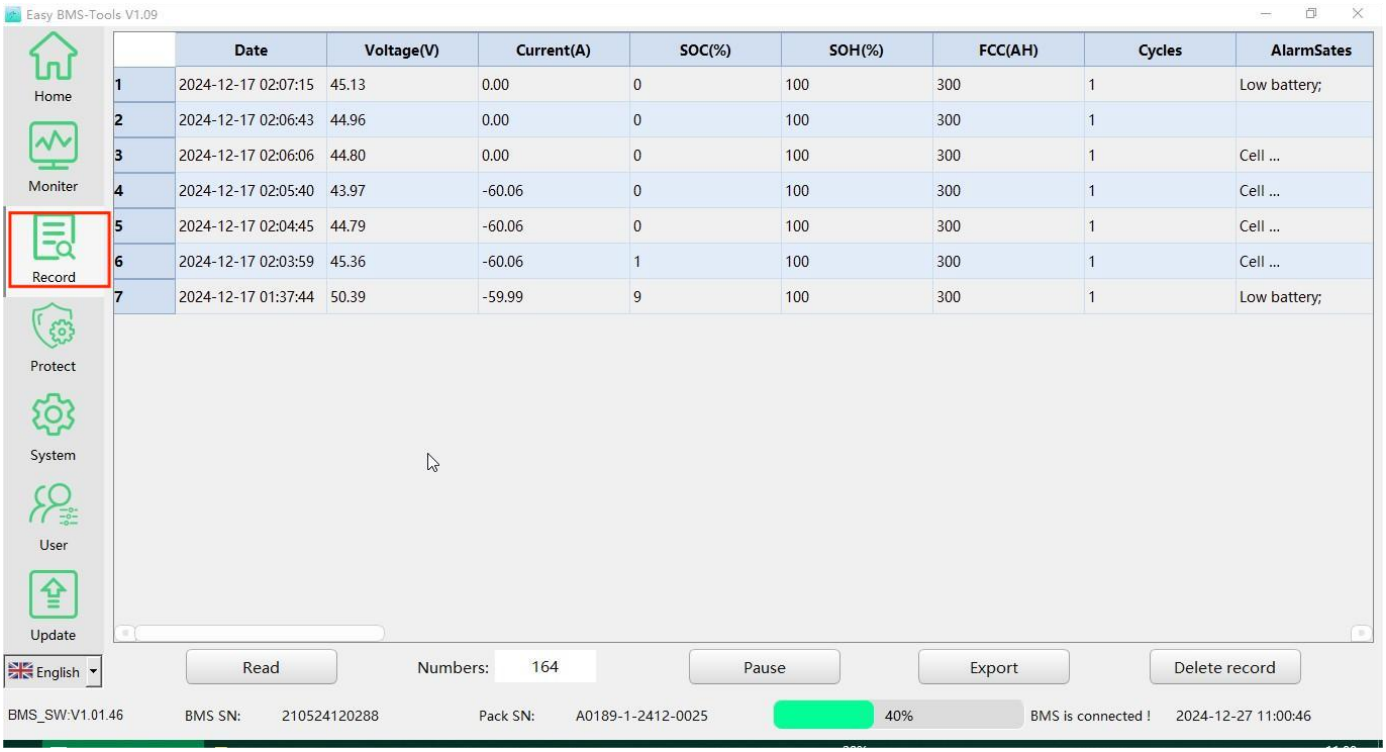
3-8 Data recording of upper computer monitoring 上位机监控数据记录



	Date	Address	Voltage(V)	Current(A)	SOC(%)	SOH(%)	FCC(AH)	RM(AH)	Cycles	AlarmSates	Protect1
49	2024-12-27 10:59:53	0	52.76	0.00	49	100	300	149	1		
50	2024-12-27 10:59:54	0	52.75	0.00	49	100	300	149	1		
51	2024-12-27 10:59:55	0	52.76	0.00	49	100	300	149	1		
52	2024-12-27 10:59:56	0	52.75	0.00	49	100	300	149	1		
53	2024-12-27 10:59:57	0	52.75	0.00	49	100	300	149	1		
54	2024-12-27 10:59:58	0	52.75	0.00	49	100	300	149	1		
55	2024-12-27 10:59:59	0	52.75	0.00	49	100	300	149	1		
56	2024-12-27 11:00:00	0	52.75	0.00	49	100	300	149	1		
57	2024-12-27 11:00:01	0	52.75	0.00	49	100	300	149	1		
58	2024-12-27 11:00:02	0	52.75	0.00	49	100	300	149	1		
59	2024-12-27 11:00:03	0	52.75	0.00	49	100	300	149	1		
60	2024-12-27 11:00:04	0	52.75	0.00	49	100	300	149	1		
61	2024-12-27 11:00:05	0	52.76	0.00	49	100	300	149	1		
62	2024-12-27 11:00:06	0	52.75	0.00	49	100	300	149	1		
63	2024-12-27 11:00:07	0	52.75	0.00	49	100	300	149	1		
64	2024-12-27 11:00:08	0	52.75	0.00	49	100	300	149	1		

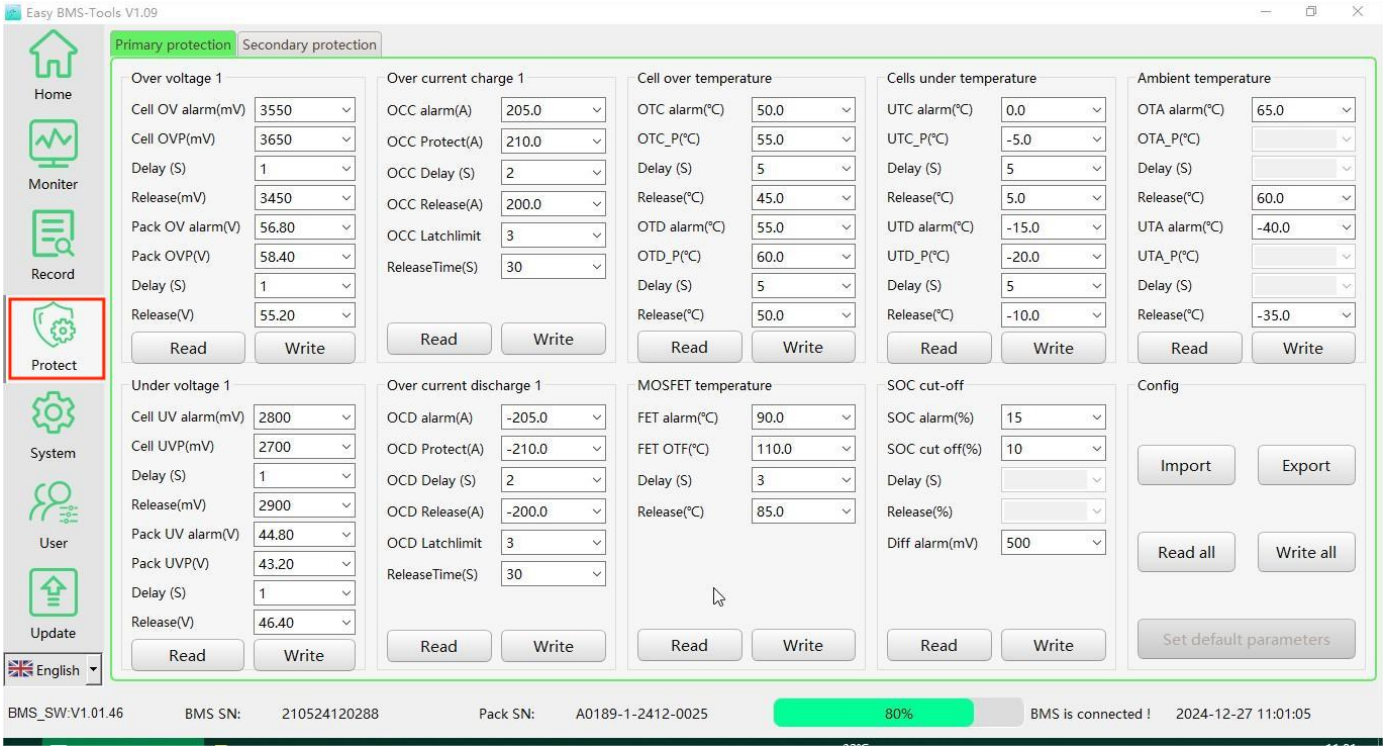
Check the record data option, the host computer sends real-time data records once per second, with
a maximum of 20,000 that can be saved. The data can also be exported and cleared.
勾选记录数据选项，上位机以每秒发送一次实时数据记录，可选项最高 **20000** 条保存记录、并有导出和清处数据功能。

3-9 Historical records of the master computer 上位机历史记录

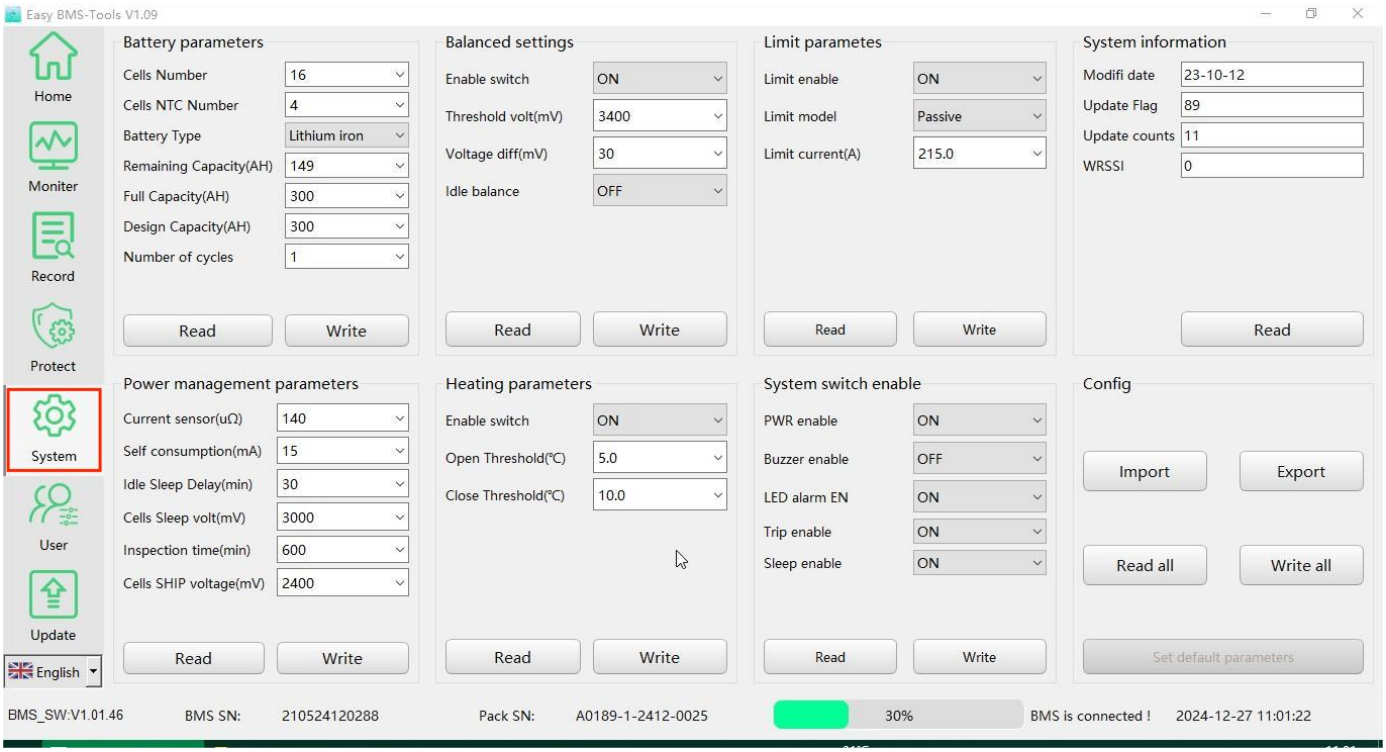


The history record can automatically save BMS alarm information, and clicking to read it will list it.
历史记录可自动保存 **BMS** 告警信息，点击读取即可列出

3-10 BMS protection parameters BMS 保护参数

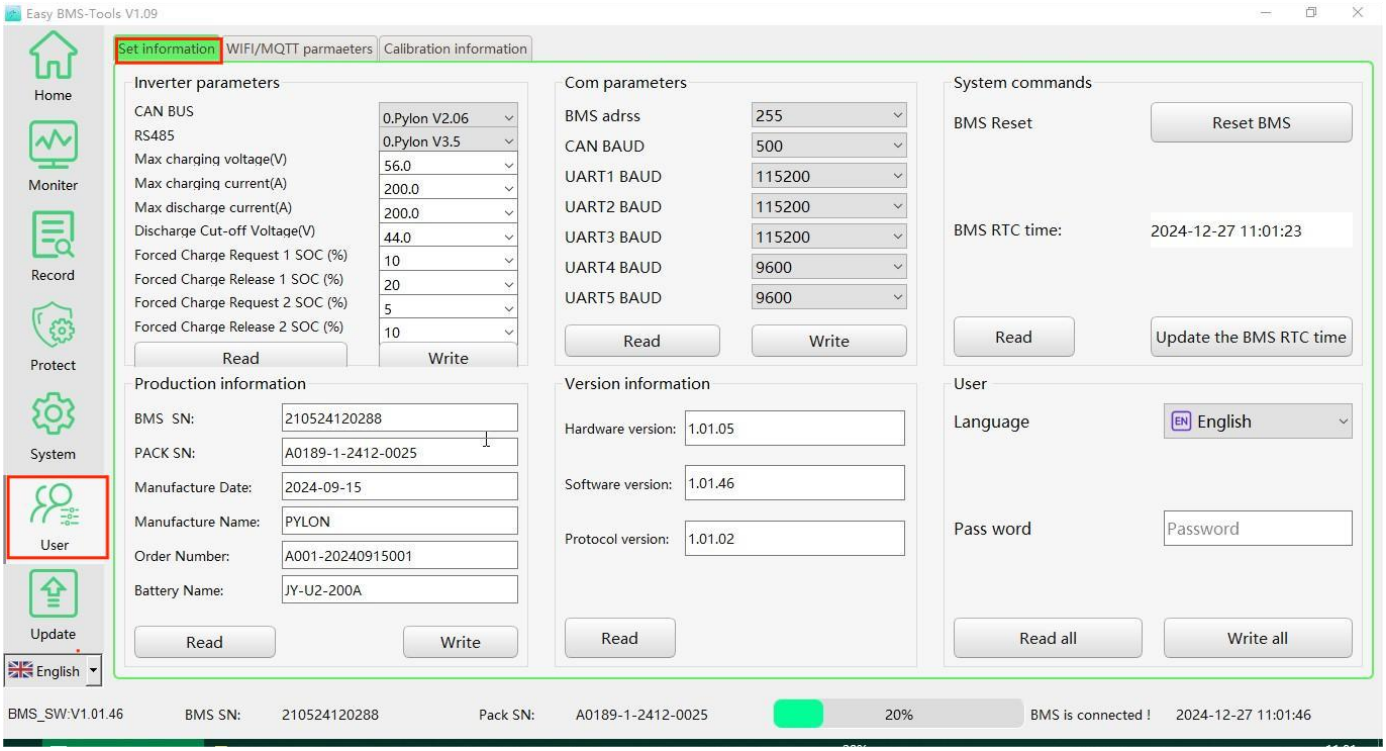


3-11 System parameters 系统参数

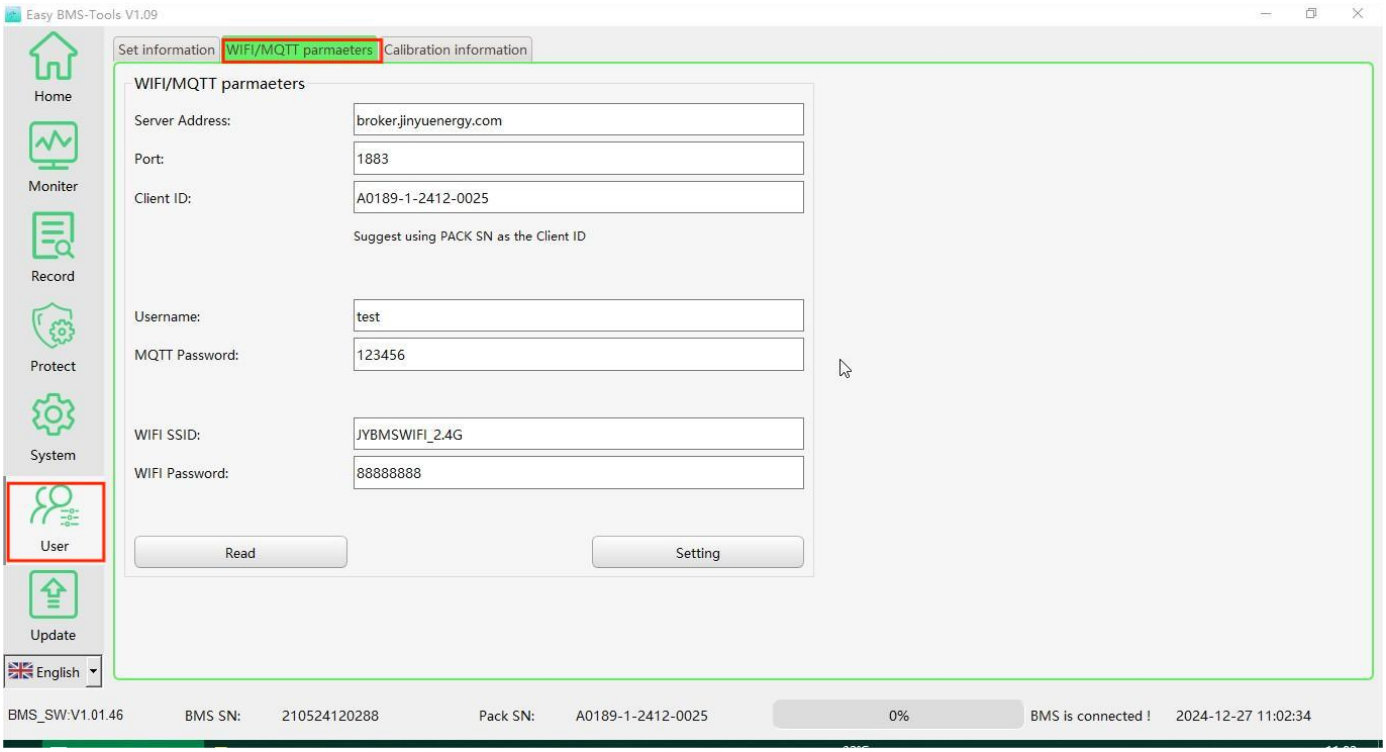


3-12 User parameters 用户参数

A.Setting information 设置信息



B. WIFI/MQTT Parameters WIFI/MQTT 参数



C Calibration information 矫正信息