



Operation instruction of upper computer

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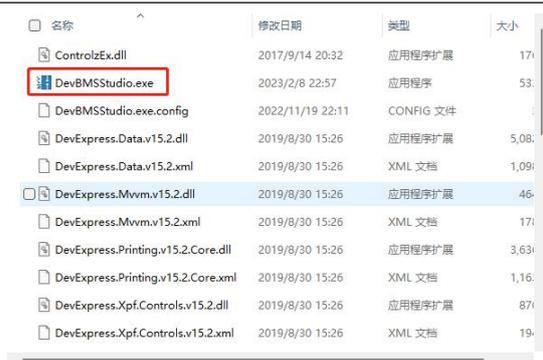




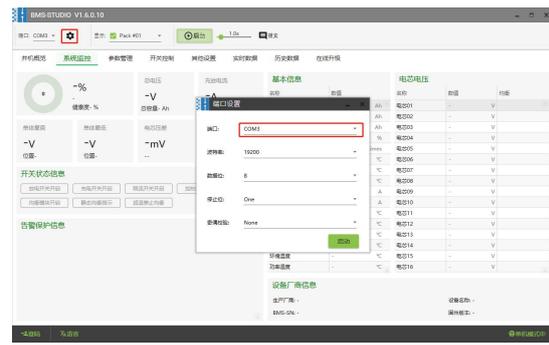
一. Operation instructions of upper computer

1.1、Upper computer connection setting

1.Open upper computer DevBMSStudio.exe software



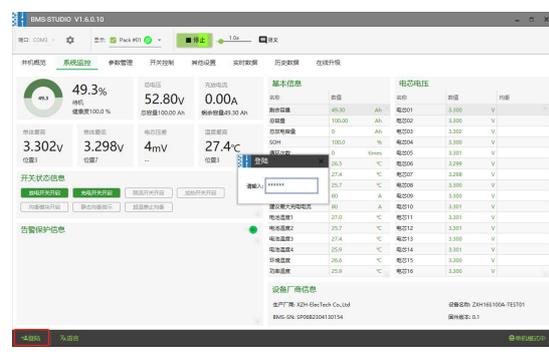
2.Click to set the communication port, the corresponding port, baud rate 19200, click to start



3.There is data on the interface to prove the communication, if there is no data, please check whether the communication line is connected properly (communication port definition: 1 or 8-B, 2 or 7-A)



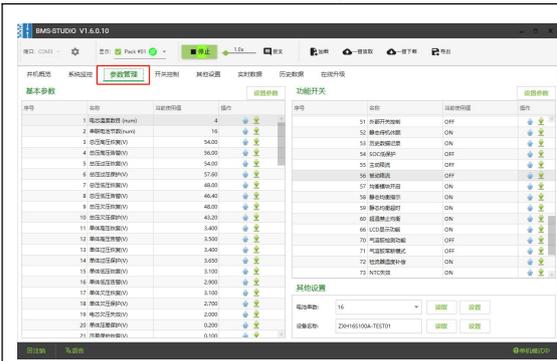
4.Choose to log in (password: 000000) to set some function settings such as operational parameters, inverter protocol switching (not recommended for terminal customers)



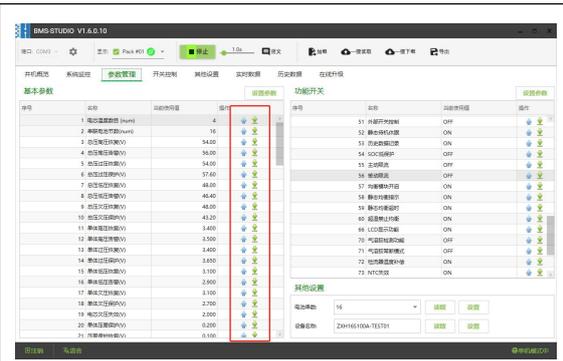
1.2、Setting parameter

1.Customers need to confirm with the BMS manufacturer before changing the parameters. The corresponding alarms and protections in the parameters are related to each other. Non-professionals should not operate and change the parameters (the charging and discharging status is not allowed to change the parameters)

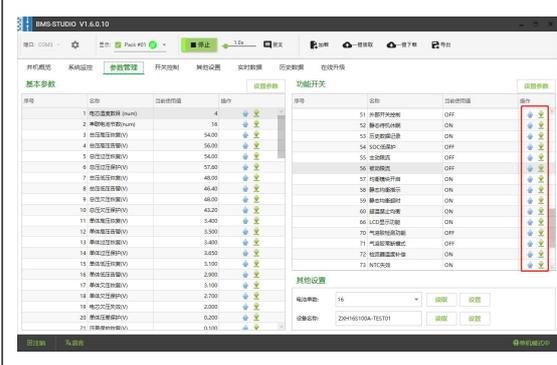
2.Basic parameter settings can be downloaded according to customer needs. The parameters are divided into individual download and full download (separate download can only be used for testing, and the parameters of individual download are discarded and not saved after the BMS is turned off)



3.The function switch setting can be turned on and off according to the customer's choice of function. The function switch is divided into individual download and full download (single download can only be used for testing, and the parameters of the individual download BMS are discarded and not saved after shutdown)



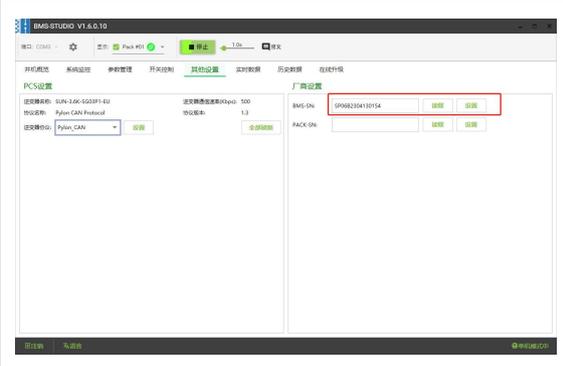
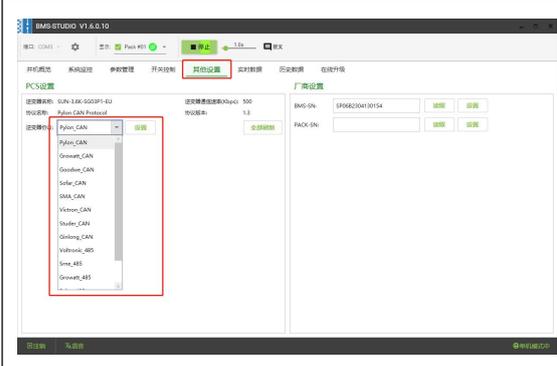
4.The first three setting parameters are not recommended for customers to use. It is best for customers to configure the parameters through the BMS manufacturer and load the parameters - one-click download



1.3、Inverter matching settings

In the other settings of the upper computer, there are manufacturers and communication modes corresponding to the inverter, please set the corresponding protocol according to the current inverter protocol

The SN code is divided into BMS-SN (manufacturer's SN) and PACK-SN (reserved PACK factory's SN)



1.4、Data record

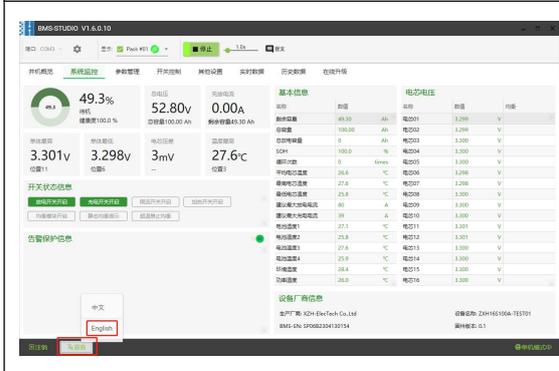
Real-time data	Historical data
<p>The PACK factory monitors the BMS data during the charging and discharging cycle, and the real-time recording function can be turned on, which can be manually saved to the computer; if you forget to save the real-time data, you can find the Real Time Record folder in the upper computer folder</p>	<p>It is necessary to view the original status, alarm/protection data, and all stored data of BMS can be read through historical data</p>

1.5、Upgrade program

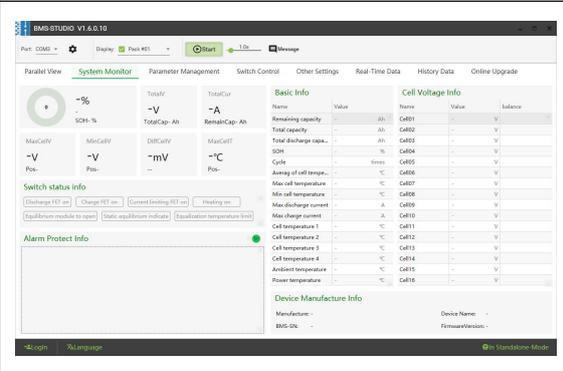
<p>Click to start the upgrade software, and the upgrade software box will pop up</p>	<p>Select the corresponding serial port, the baud rate is 19200, the stop bit is turned on, click to browse and find the corresponding upgrade program, and finally click to download; the LED light is in the marquee state during the upgrade process, and the BMS is turned off after the program upgrade is OK, and it needs to be restarted</p>

1.6、Switch between Chinese and English

Prompt to restart the host computer when switching Chinese, and it will automatically open after restarting the host computer



Prompt to restart the host computer when switching to English, and it will automatically open after restarting the host computer

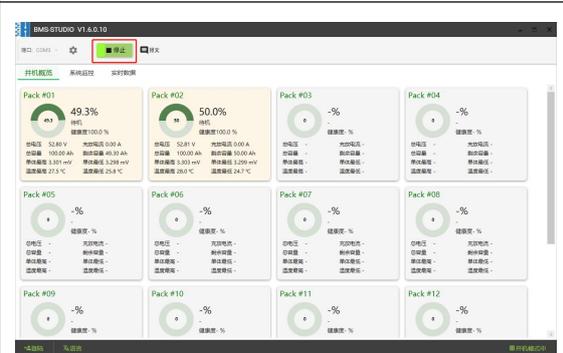


1.7、Parallel monitoring

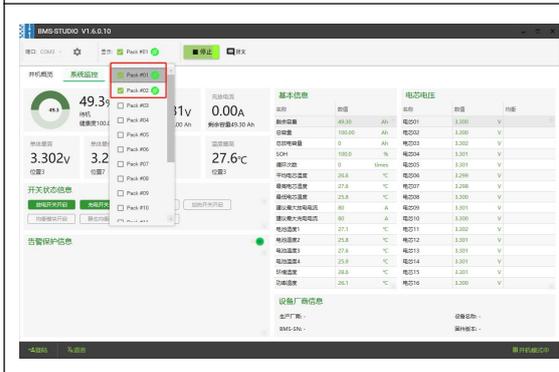
Switch the parallel machine monitoring mode on the lower right foot. The single machine BMS sends commands to view data, and the parallel machine receives data sent by the BMS, so the mode must be switched.



After the mode is switched to parallel mode, click Start to connect, and the interface has the data of each PACK



You can also view the detailed data of each PACK



You can also view the real-time data of that PACK separately when the machine is in parallel

