

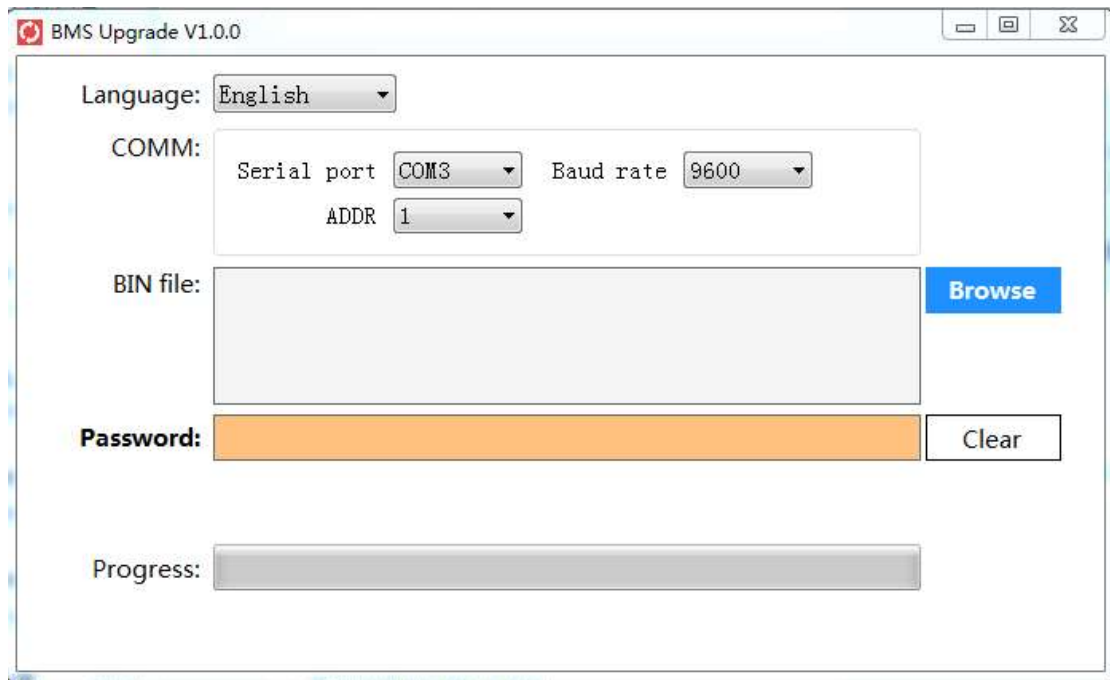
User manual for BMS Upgrade

V1.0.0

1. The upgrade tool is developed for the convenience of customer testing our BMS products for function update and is not for commercial use. When upgrading, first make sure the BMS product is in standby state. Please turn off the electric load and charger.

2. Operation steps and instructions

Step 1. Double click the application icon (BMS Upgrade V1.0.0.exe), Open the upgrade tool. The specific interface is as follows:



The screenshot shows the BMS Upgrade V1.0.0 application window. The window has a title bar with the text "BMS Upgrade V1.0.0" and standard Windows window controls (minimize, maximize, close). The main interface includes a "Language:" dropdown menu set to "English". Below this is a "COMM:" section with two sub-sections: "Serial port" with a dropdown menu set to "COM3", and "Baud rate" with a dropdown menu set to "9600". There is also an "ADDR" dropdown menu set to "1". Below the "COMM:" section is a "BIN file:" label next to a large text input field. To the right of the input field is a blue "Browse" button. Below the "BIN file:" section is a "Password:" label next to a text input field with an orange background. To the right of the input field is a "Clear" button. At the bottom of the window is a "Progress:" label next to a horizontal progress bar.

Step 2. Select the correct serial port and baud rate, click "Browse" to select the corresponding bin file. After importing the bin file, select the correct address. If you are prompted that the bin file is wrong, please confirm whether the bin file selection is correct, or contact the provider to obtain the correct bin file.

BMS Upgrade V1.0.0

Language: English

COMM: Serial port COM3 Baud rate 9600 ADDR 0

BIN file: E:\C-3\PACE-IAP V1.03\P9316V100-20191104.bin **Browse**

Password: **Clear**

Upgrade file loaded

Progress:

Step 3. Enter the correct password (password 541800). Click the "Upgrade" button to upgrade. After opening the upgrade tool, the first upgrade will prompt "The upgrade is ready. Are you sure you want to upgrade?", click "OK" to continue the upgrade, and there will be no prompt after that; click "Cancel" to exit the upgrade.

BMS Upgrade V1.0.0

Language: English

COMM: Serial port COM3 Baud rate 9600 ADDR 0

BIN file: E:\C-3\PACE-IAP V1.03\P9316V100-20191104.bin **Browse**

Password: **Clear**

Progress:

**The upgrade is ready.
Are you sure you want to upgrade?**

OK Cancel

Upgrade

Click "OK" to enter the normal upgrade process. Please make sure the upgrade is completed.

BMS Upgrade V1.0.0

Language: English

COMM: Serial port COM3 Baud rate 9600 ADDR 0

BIN file: E:\C-3\PACE-IAP V1.03\P9316V100-20191104.bin **Browse**

Password: **Clear**

5248/105168 4% 3.3S

Progress: **Upgrade**

3. Error handling

3.1 if the bin file is wrong, please confirm whether the bin file selection is correct or contact the provider to obtain the correct bin file.

3.2 prompt response timeout, please check whether the communication line is connected well or whether the contact is good.

3.3 in case of any failure in the upgrade process, the upgrade must be repeated until it is successful. If the upgrade has not been successful, please contact our technical department.