

## VMIII Main Firmware Upgrade Process

**Step 1:** Connect the unit and the PC via RS232 cable, and utility power to AC terminal, switches AC breaker on. Please refer to picture as below.

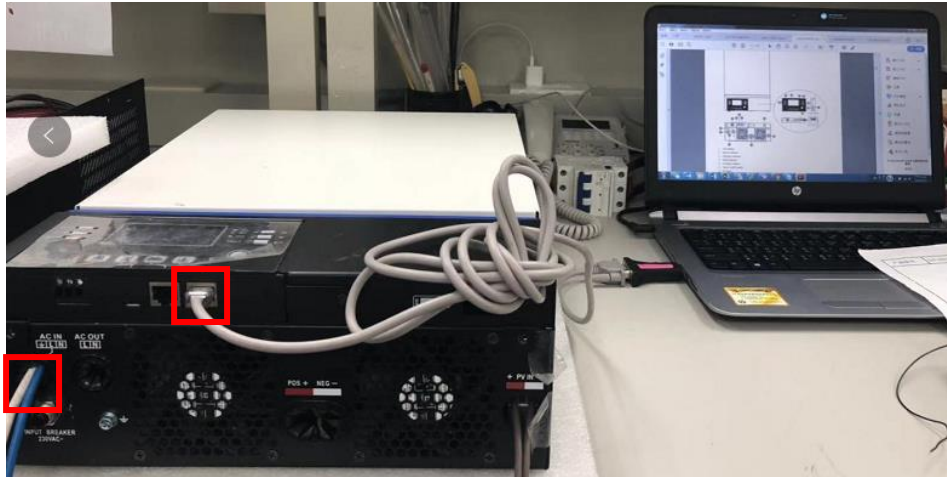


Figure1

**Step2.** Please check the COM Port Number as below pictures. Please refer to picture as below.

**Note:** Make sure all application communication software using this COM port is closed. The application software include some UPS monitoring software.

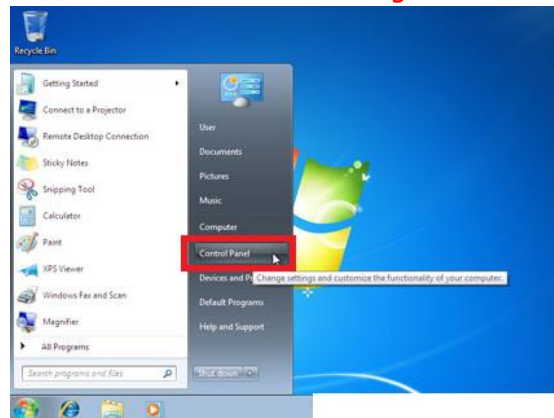


Figure2



Figure3

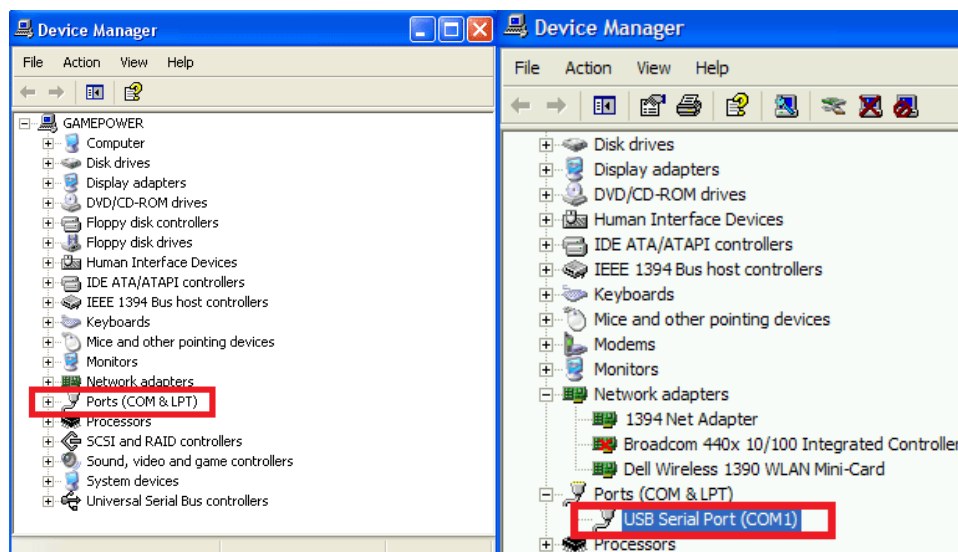
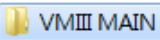



Figure4

**Step3.** Open the document  and execute  .

**Note:** UPSReflashTool.exe can only be executed in OS of windows

**Step4.** Select the COM port.

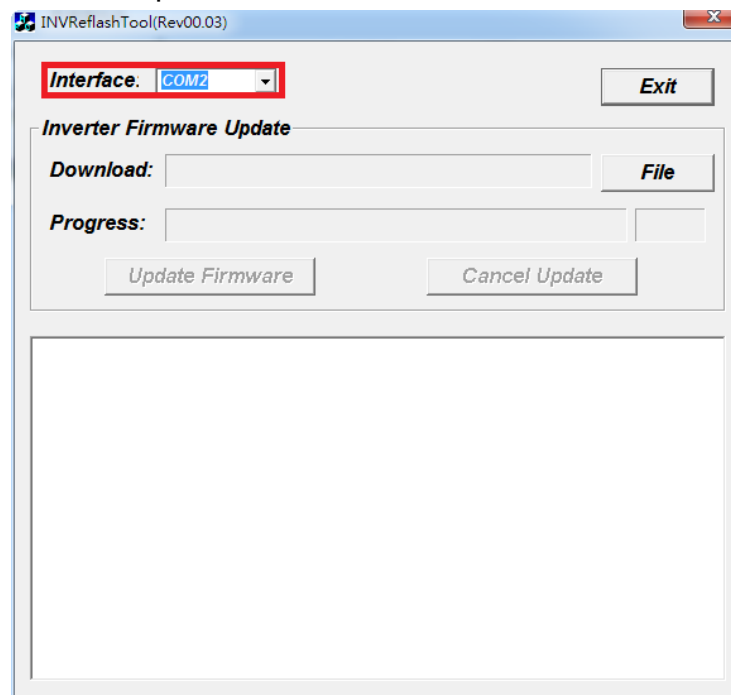


Figure5

**Step5.** Select the firmware which is to be updated;

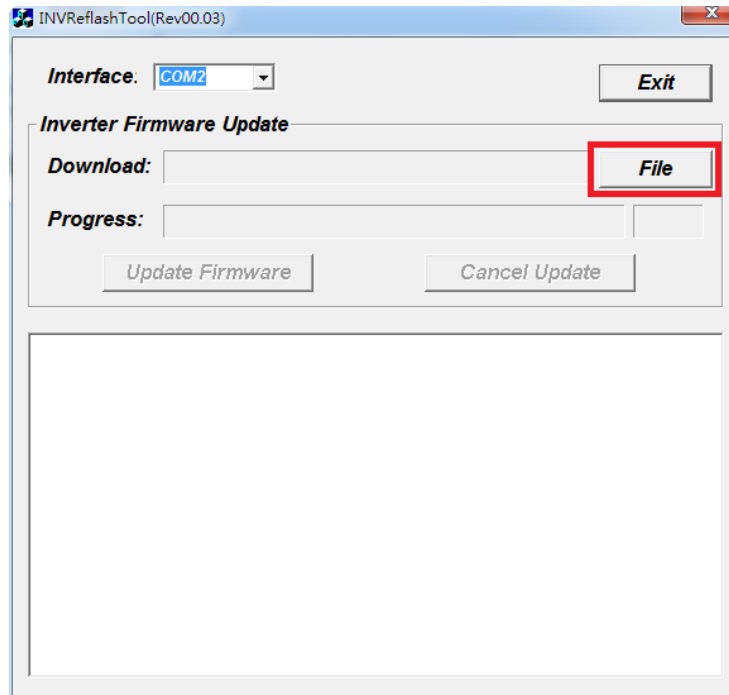


Figure 6

Select the firmware file “VM3.hex” in release firmware package, by double clicking it.

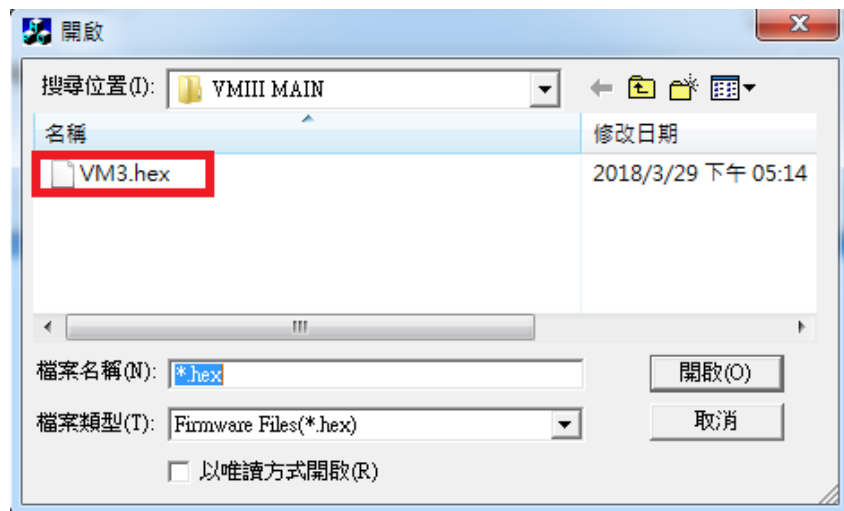




Figure 7

**Step6.** Click button , and then wait till programming complete. Please **DON'T** press  button!

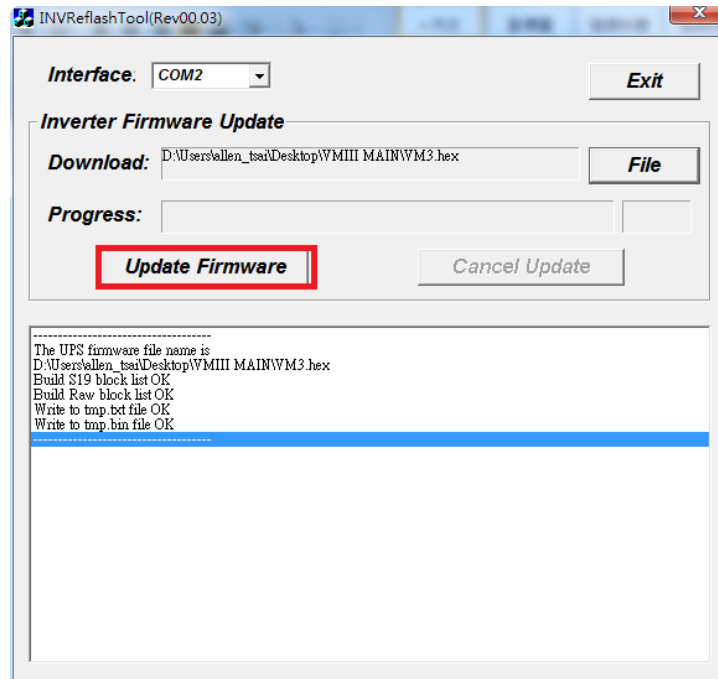


Figure 8

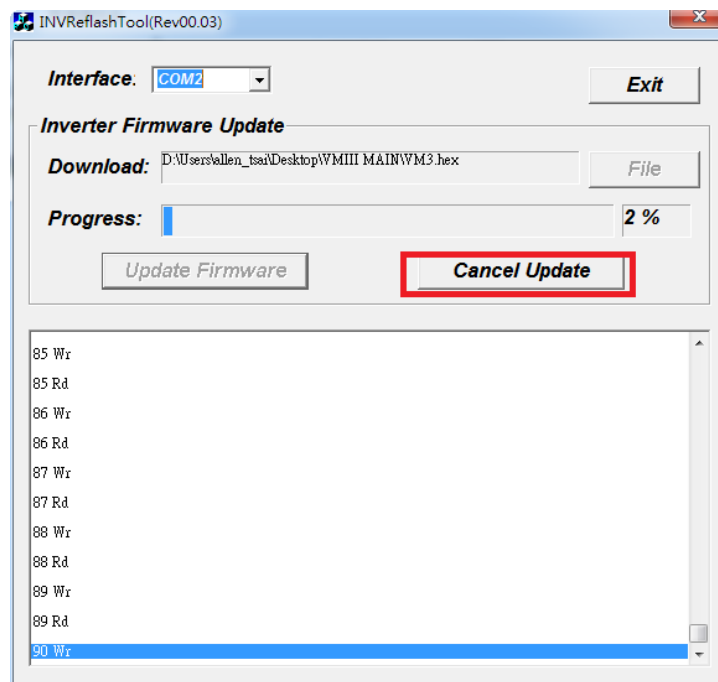


Figure 9

**Step7.** When the processing bar is up to 100%, below dialog will pop-up to remind you the programming is successful! Now the software is updated completely! (Figure 10)

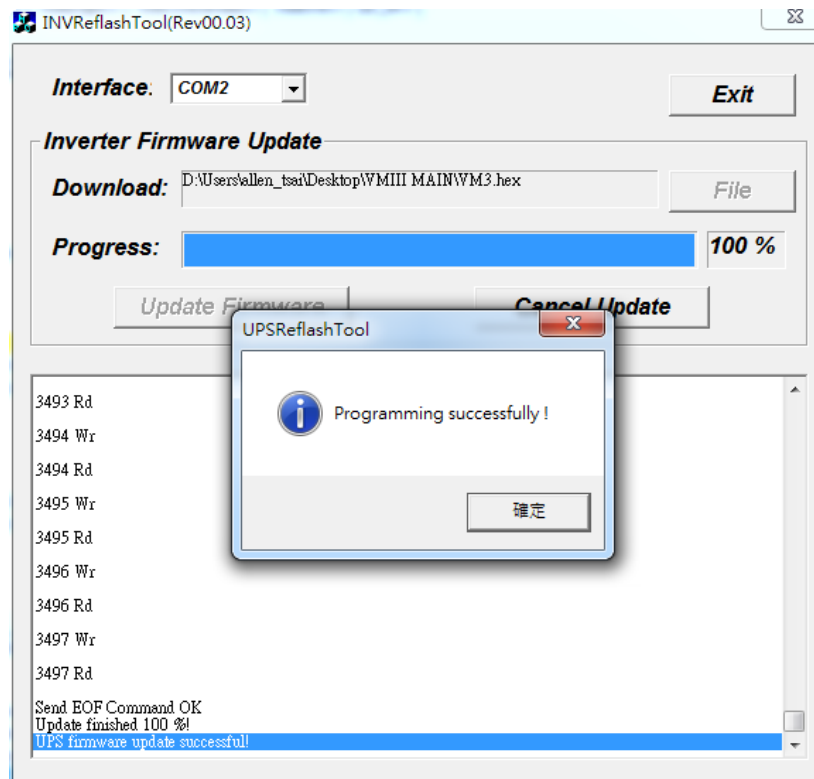


Figure 10

**Step6.** Please check the firmware on the Identification page of the LCD. Please make sure the new firmware version of the Display U1 is 41.07 Please refer to below picture.

### Application Notes:

1. If you want to update another unit, don't close "UPSReflashTool.exe", and restart from Step 4.
2. If programming is break in step 6, "read data Err" string will remind you (Figure 11) programming failed, this may because of communication lost. Please close "UPSReflashTool.exe", and then restart from Step 4.

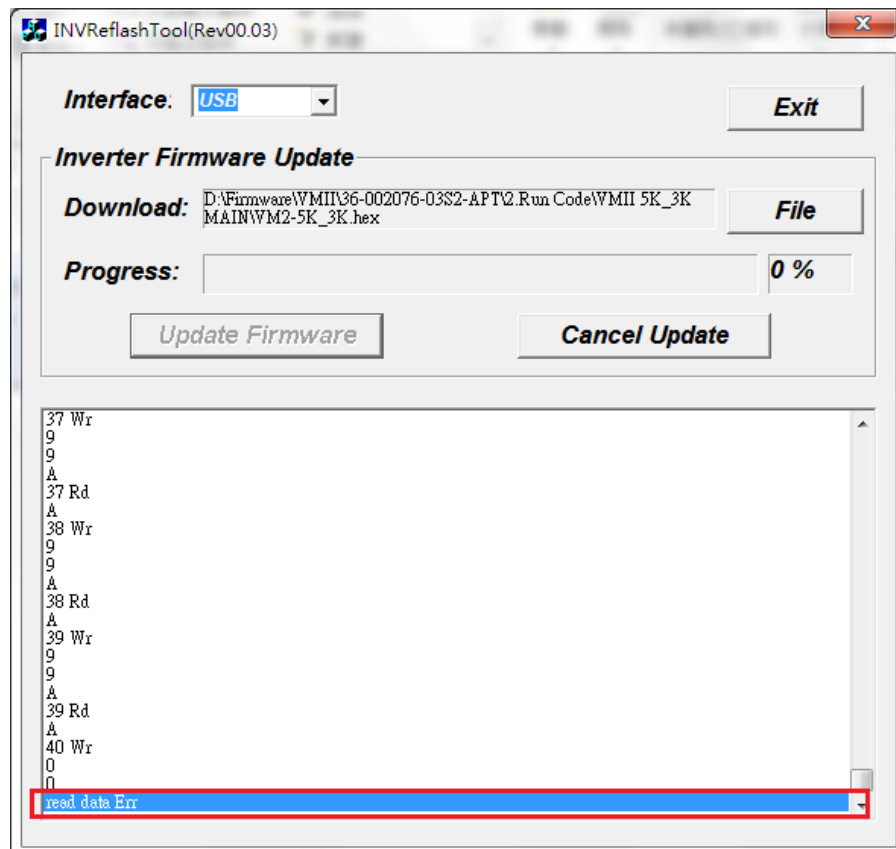


Figure 12