

## The procedures for updating the software on SCC

\* This file is for the unit with RS232 interface.

**Step 1:** Connect the unit and the PC by a RS232 to RJ45 cable



Figure 1

**Step 2:** Connect the DC power or battery (must be more than start up voltage, i.e. >23V for 24Vdc model and >46V for 48Vdc model) to the battery connector

**Step 3:** Connect the PV power to the PV connector, switch on the unit, then wait until the PV icon on LCD displays



Figure 2

Suggestion: PV voltage is 5V larger than battery voltage

**Step 4:** Check COM port number you are using in Computer management >> Device manage >> Ports(COM & Port).

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

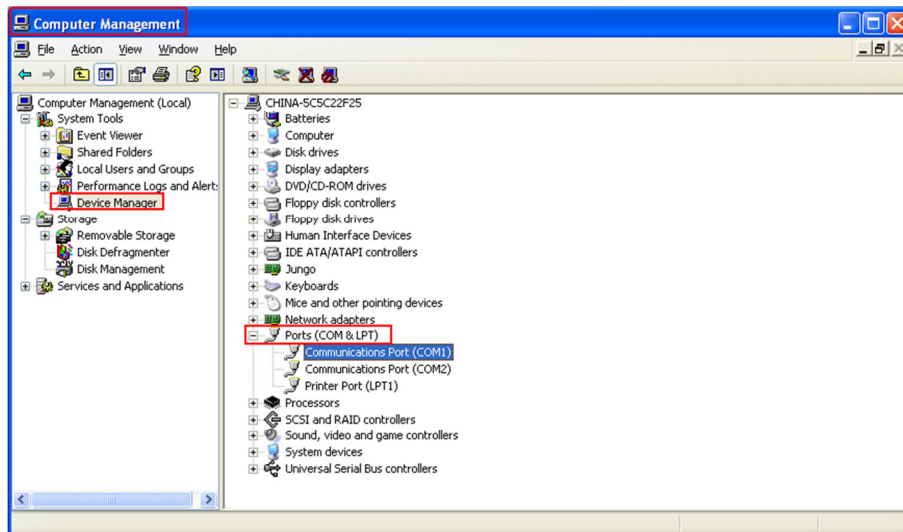


Figure 3

**Step 5:** Execute “MpptReflashTool.exe”.

**Step 6:** Click interface check box to select the right COM port.

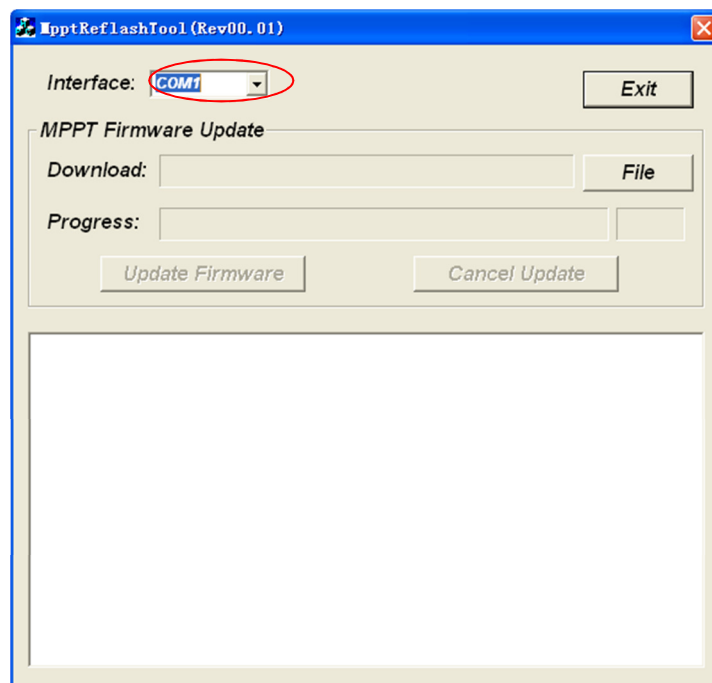


Figure 4

**Step 7:** Click **File** button.

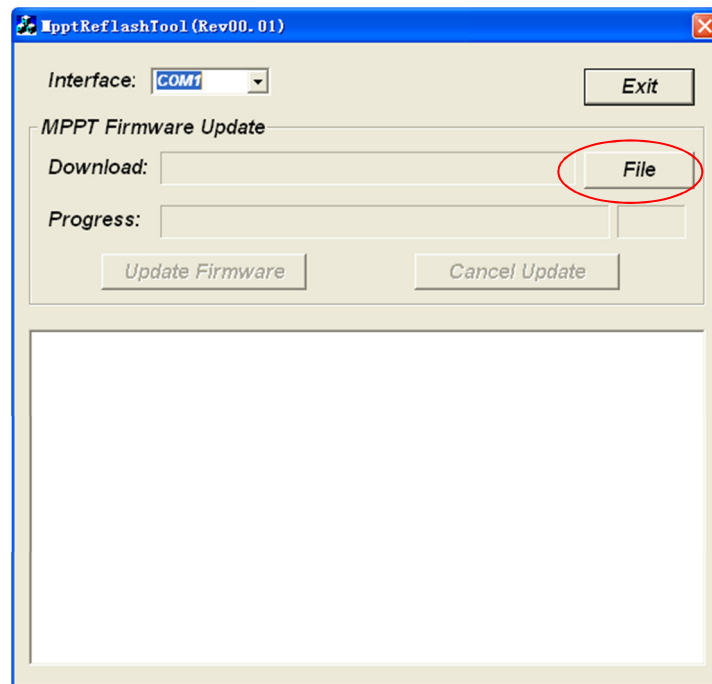


Figure 5

Select the firmware file, by double clicking it.

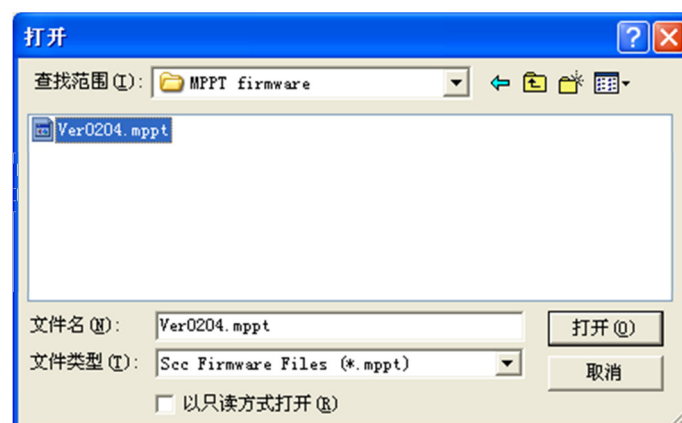


Figure 6

**Step 8:** Click **Update Firmware** button to update MPPT SCC firmware.

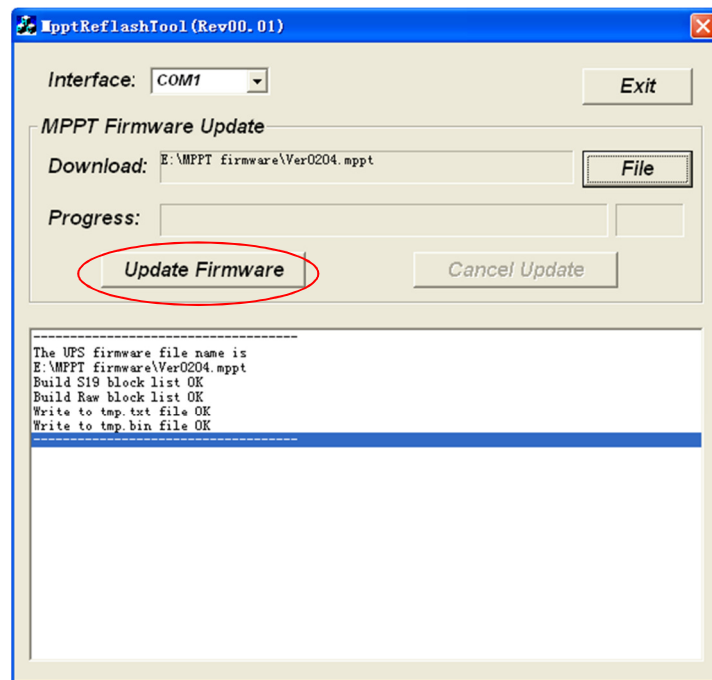


Figure 7

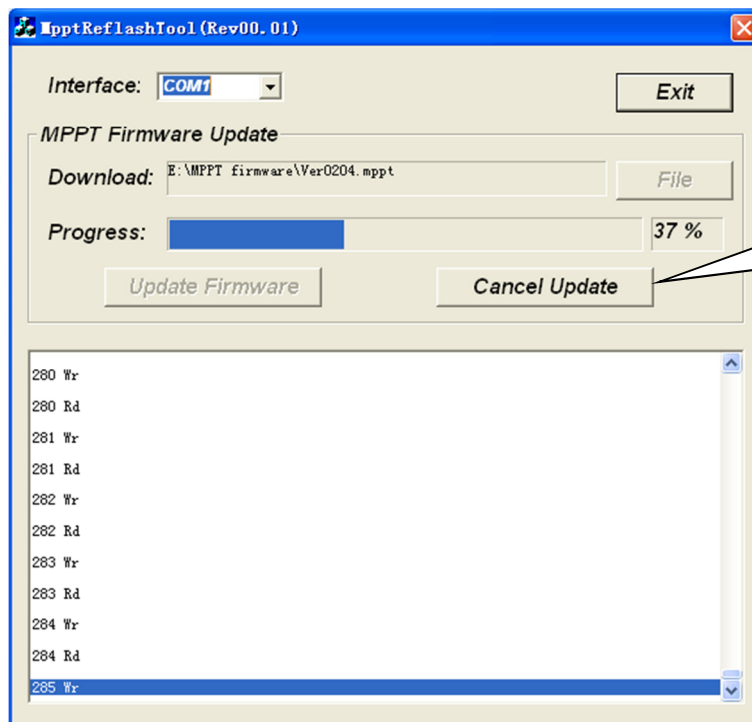


Figure 8

**Step 9:** When the processing bar is up to 100%, below dialog will pop-up to remind you the programming is successful! Now the software of the MPPT SCC is updated completely!

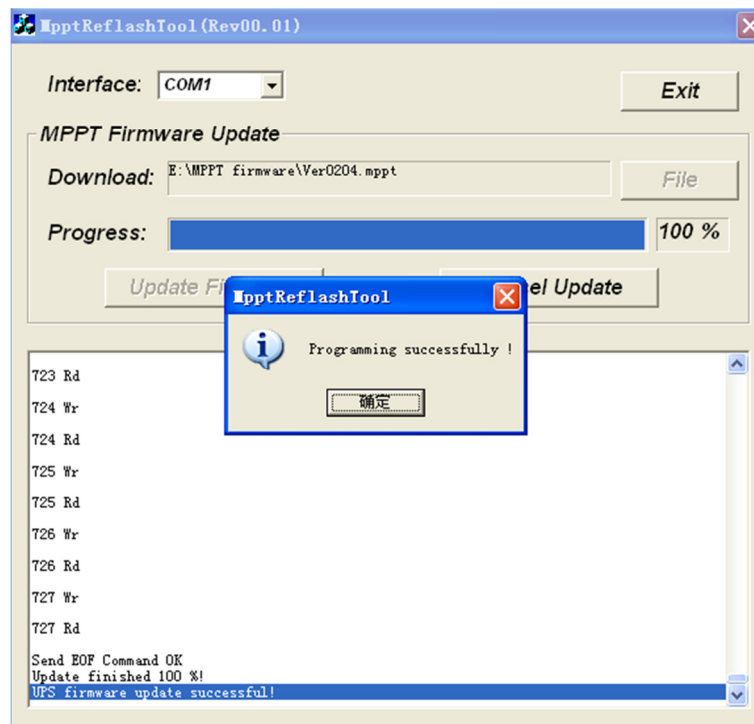


Figure 9

### Notes:

1. If you want to update another unit, don't close "MpptReflashTool.exe", and restart from step 6.
2. If below error appears in step 7, please check the connection cable between computer and inverter, check communication port refer to step 3. Then close "MpptReflashTool.exe", and restart from step 4.

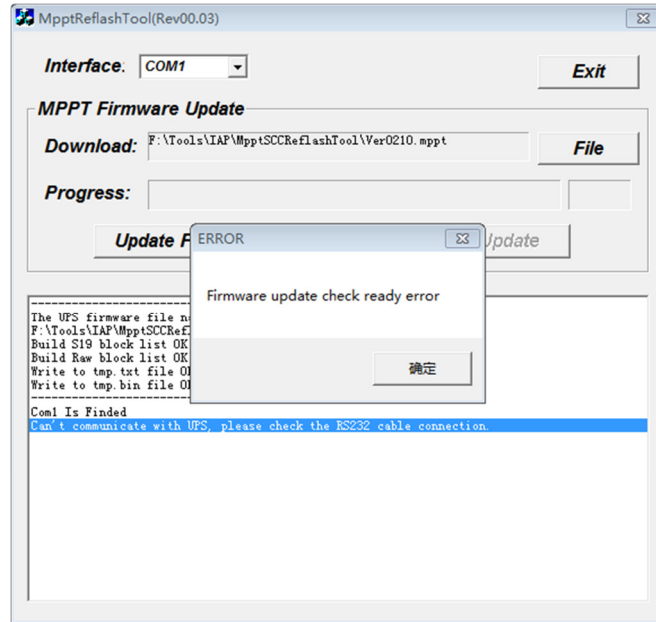


Figure 10

3. If below error appears before step 8, "read data Err" means programing fail. This may because of communication lost in programing. Please close "MpptReflashTool.exe", remove the PV input, remove the DC power or battery to the battery connector, and then restart from step 2.

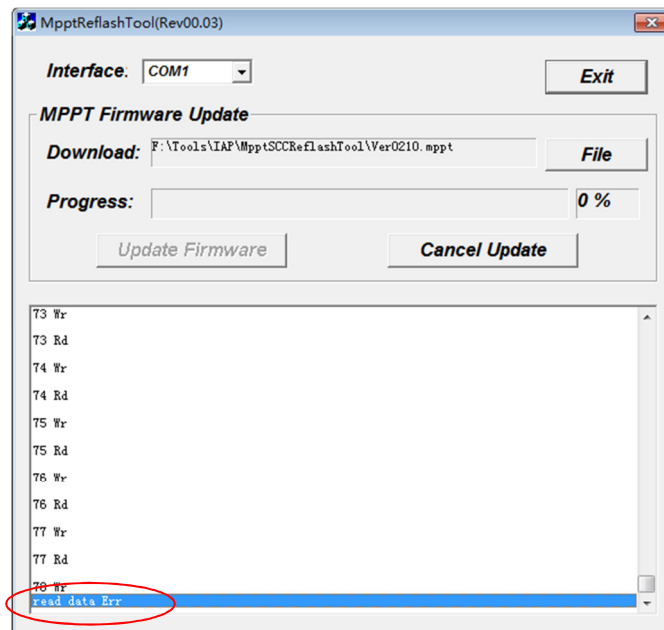


Figure 11