

UPS model : 5PX



Date : 05/02/2016

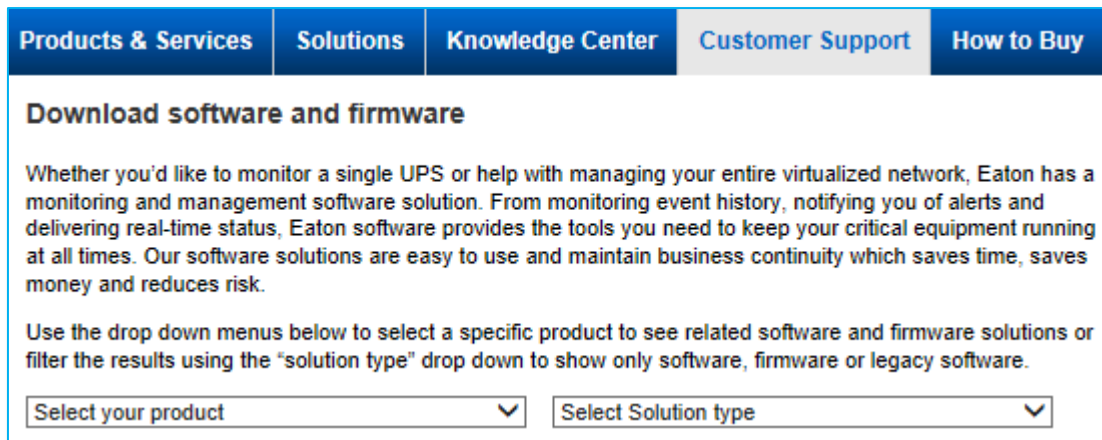
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Firmware upgrade procedure

1. Download the software setUPS and the firmware

➔ Go to the Power Quality Website (<http://eaton.com/Downloads/>)



Download software and firmware

Whether you'd like to monitor a single UPS or help with managing your entire virtualized network, Eaton has a monitoring and management software solution. From monitoring event history, notifying you of alerts and delivering real-time status, Eaton software provides the tools you need to keep your critical equipment running at all times. Our software solutions are easy to use and maintain business continuity which saves time, saves money and reduces risk.

Use the drop down menus below to select a specific product to see related software and firmware solutions or filter the results using the "solution type" drop down to show only software, firmware or legacy software.

Select your product Select Solution type

➔ Select your product , **5PX**, and select your solution type, firmware.



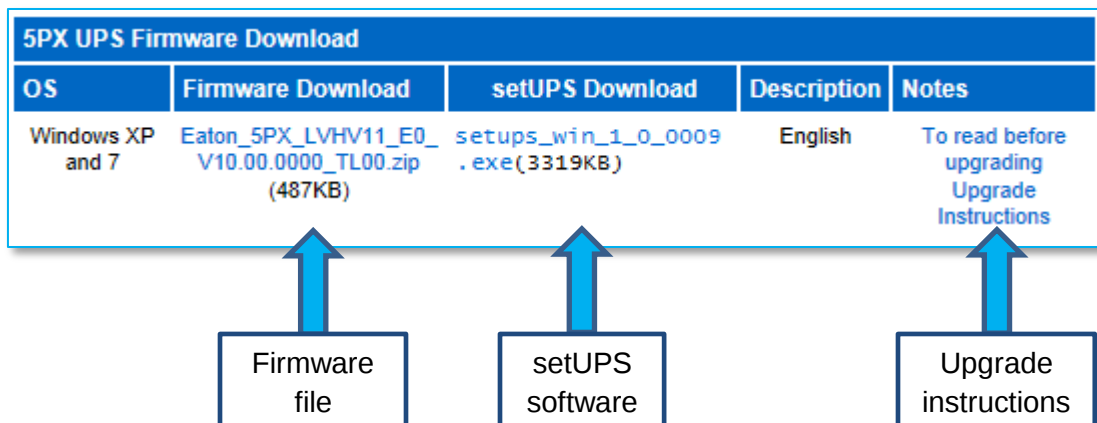
Firmware Upgrades

Eaton 5PX UPS Firmware Updates

Upgrade your Eaton 5PX with the latest firmware updates.

➔ [Download 5PX UPS Firmware Updates](#)

➔ Click on "Download 5PX UPS Firmware Updates"



5PX UPS Firmware Download				
OS	Firmware Download	setUPS Download	Description	Notes
Windows XP and 7	Eaton_5PX_LVHV11_E0_V10.00.0000_TL00.zip (487KB)	setups_win_1_0_0009.exe(3319KB)	English	To read before upgrading Upgrade Instructions

Firmware file

setUPS software

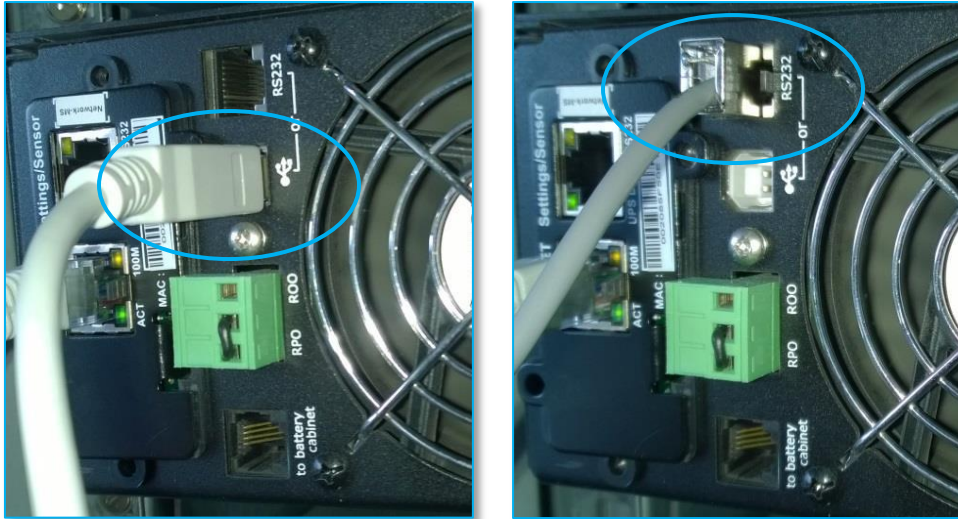
Upgrade instructions

And click on the required link.

Firmware upgrade procedure

2. UPS connection

➔ Connect a communication cable to the UPS unit, on USB or RS232 (RJ45) port on the back of the UPS. Then connect the cable to your computer.

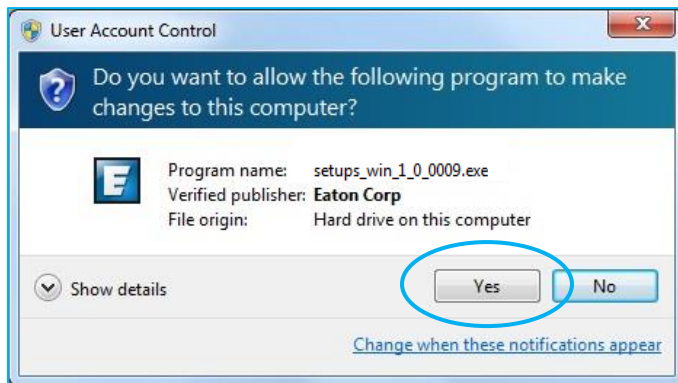


3. Launch setUPS

➔ For a first time Eaton® setUPS installation, double click on the exe file

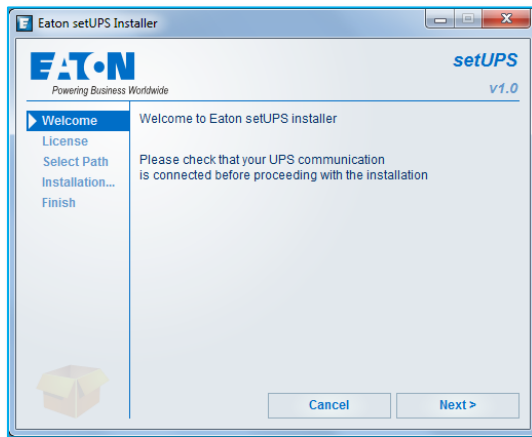
 setups_win_1_0_0009.exe

and valid the “User Account Control” message by “Yes”

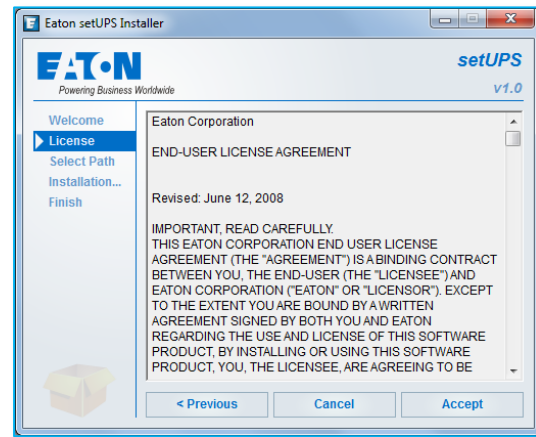


Firmware upgrade procedure

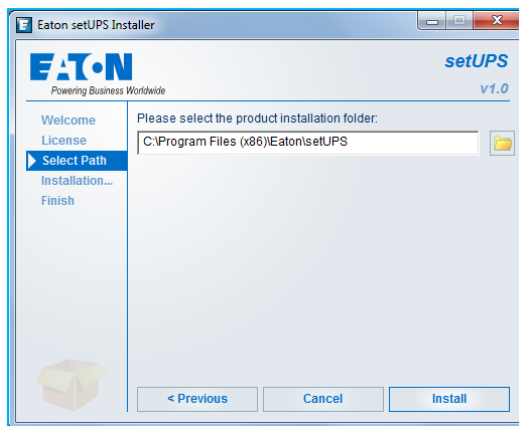
The installer opens, click on “Next”



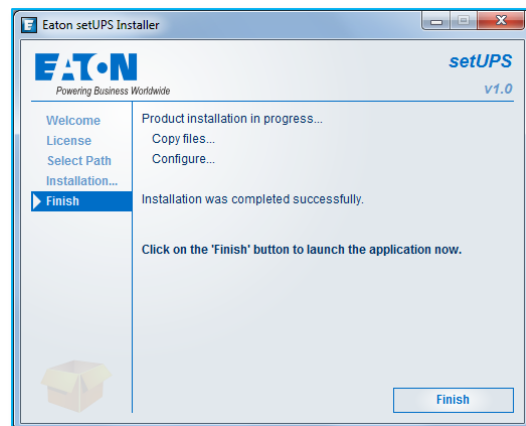
Read and click on “Accept”



Click on “Install”

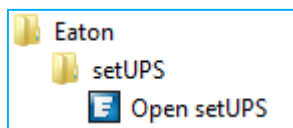


And on “Finish”



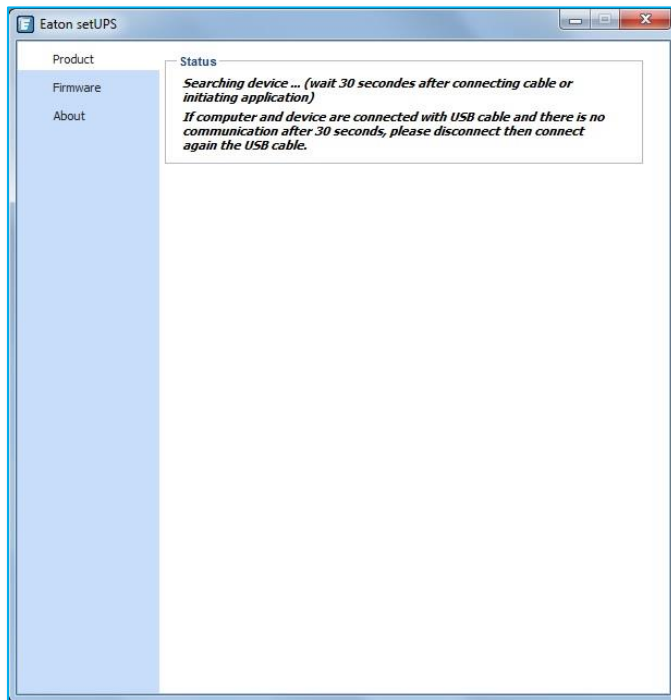
And the Eaton® setUPS starts.

➔ If Eaton® setUPS is already installed, open setUPS

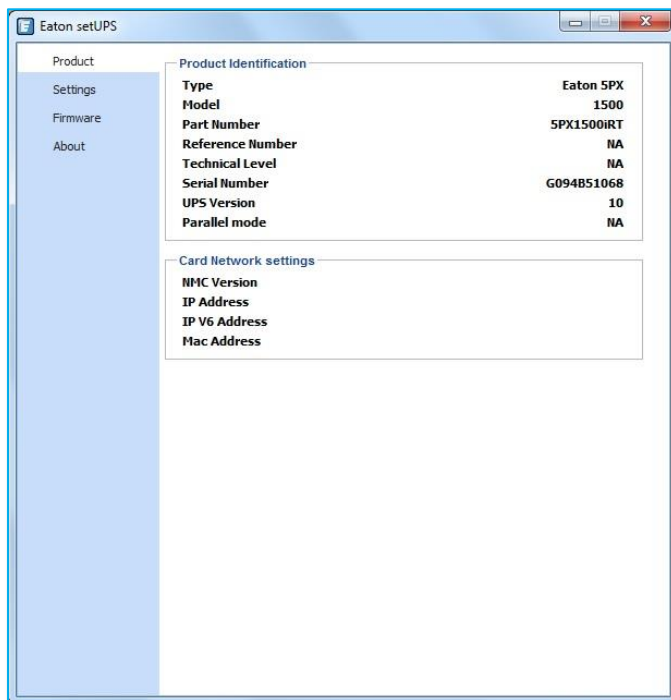


Firmware upgrade procedure

At the startup, the software searches for the connected UPS



and as soon as communication is established, the product is identified :



Firmware upgrade procedure

4. Power OFF the UPS

➔ To turn the power off on the 5PX UPS, press and hold the power button for 3 seconds.

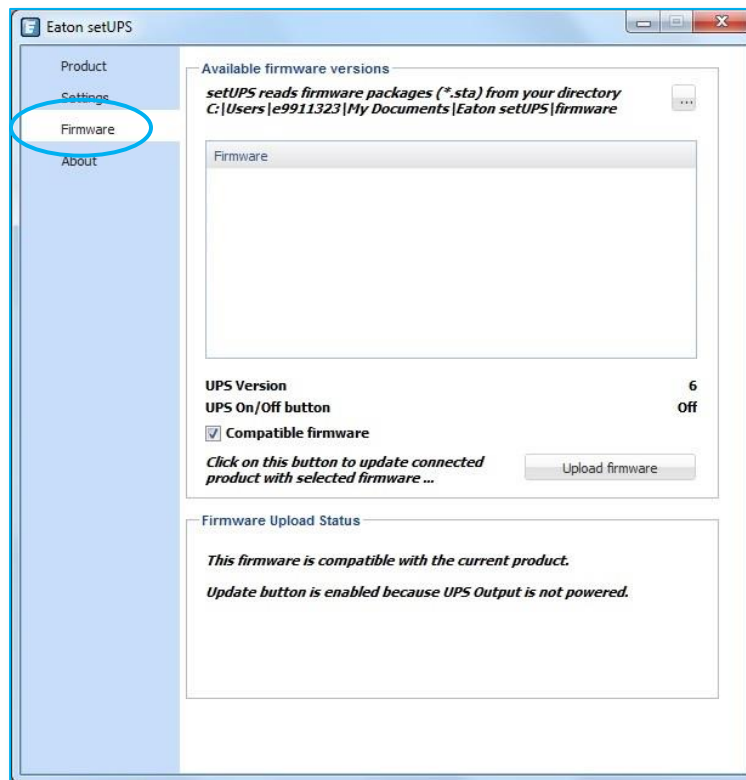
WARNING : this will turn OFF any load that is connected to the UPS outlets !

Once the unit is OFF, the screen looks like the picture below :



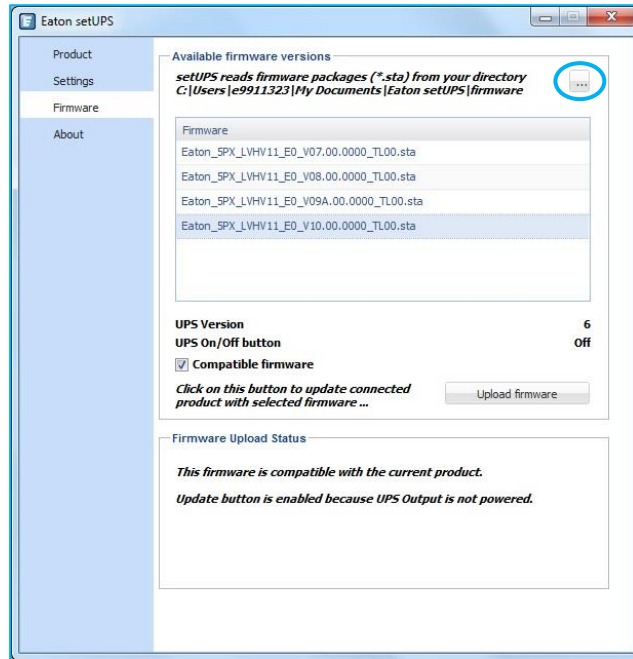
5. setUPS firmware menu

➔ On the left menu, select “Firmware” section, the available firmware appears :



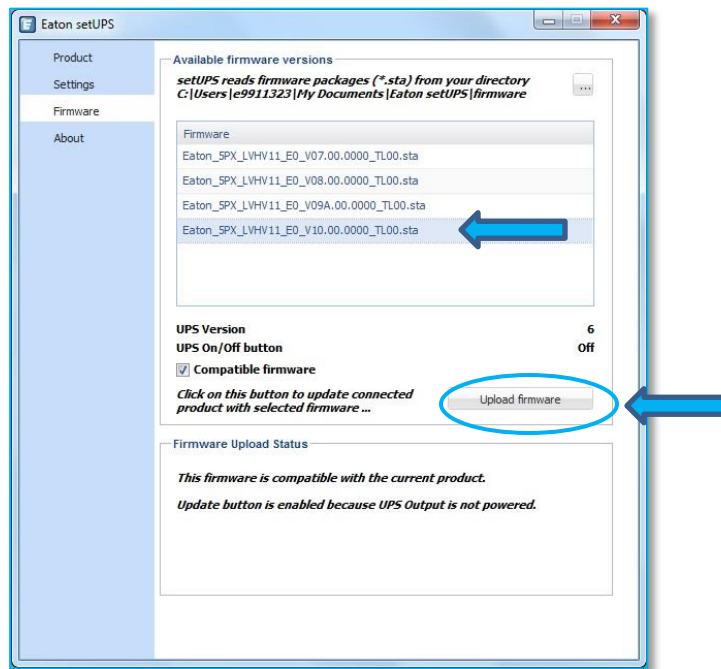
Firmware upgrade procedure

If the firmware list is empty, copy/paste the downloaded firmware in the target folder *My Documents\Eaton setUPS\firmware* (click on the “...” button) :



6. Firmware selection

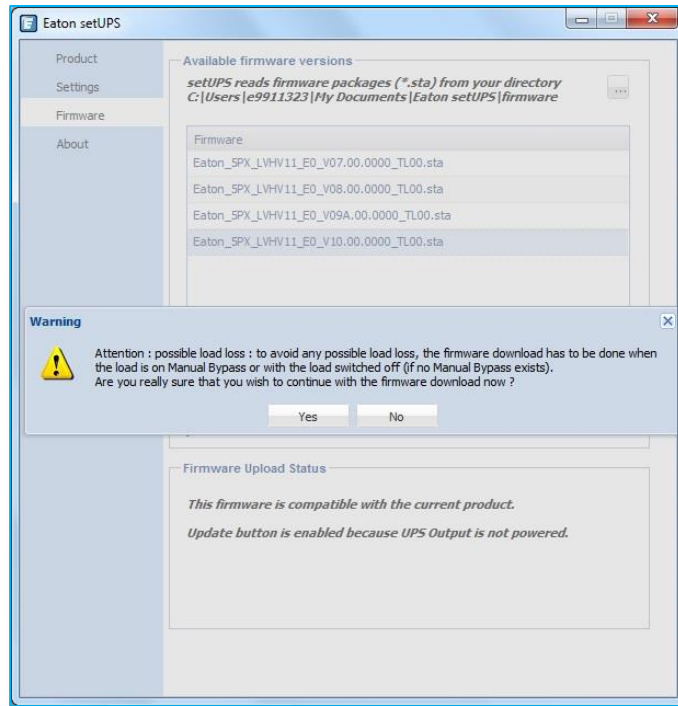
➔ Click on the firmware file to select it and then on the “Upload firmware” button :



Firmware upgrade procedure

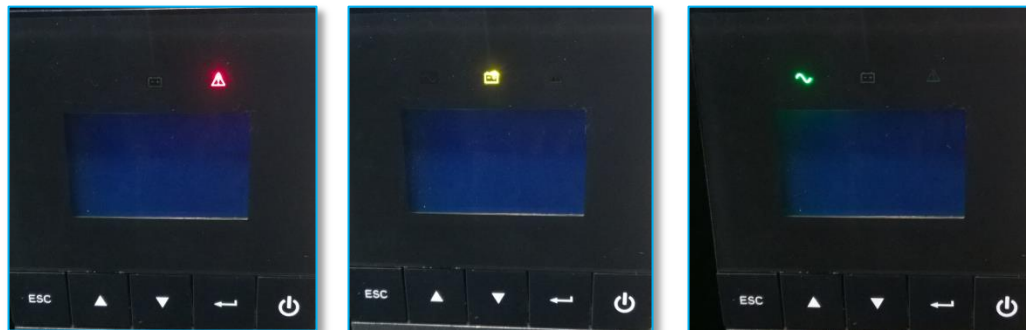
7. Confirmation

➔ The following screen appears which reminds you that UPS output is OFF during the upgrade, select “Yes” to continue



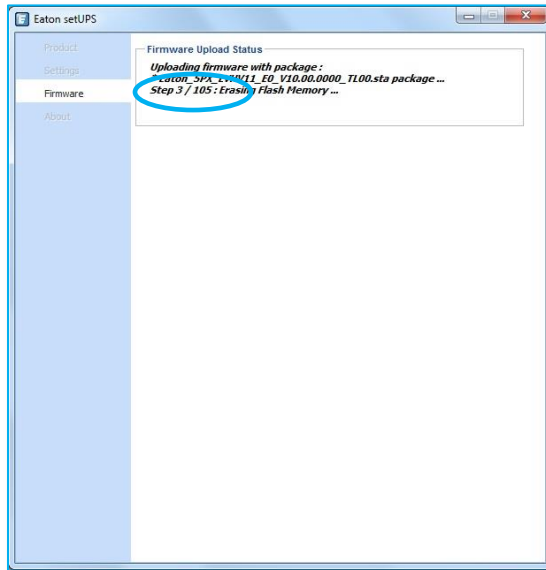
8. Upgrade process

➔ A click noise comes from the UPS (relay) and it transfers into Boot loader mode. The firmware will then be erased and then rewritten into the UPS. During the flash process, the display on the UPS goes blank and the AC line, the battery and the Alarm lights cycle. This is normal.



Firmware upgrade procedure

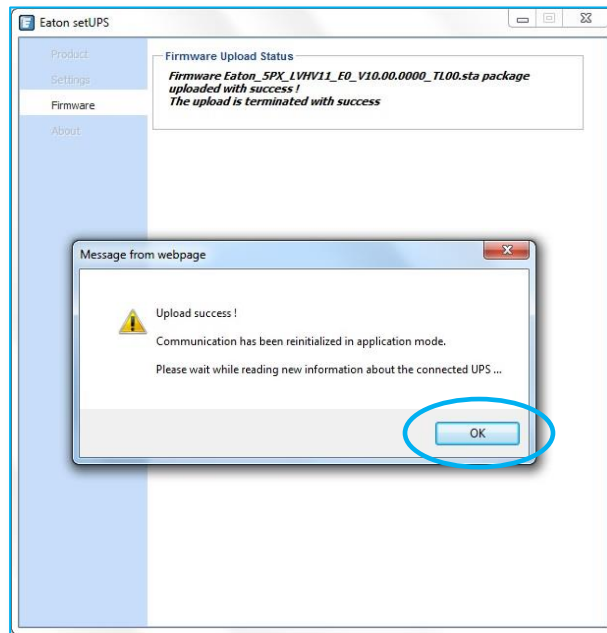
And on **setUPS** window, the firmware upgrade steps appear :



9. Upload success

➔ When the firmware flash process is done, the UPS fans start and the UPS emits a long beep. The display on the UPS returns back to the normal OFF state.

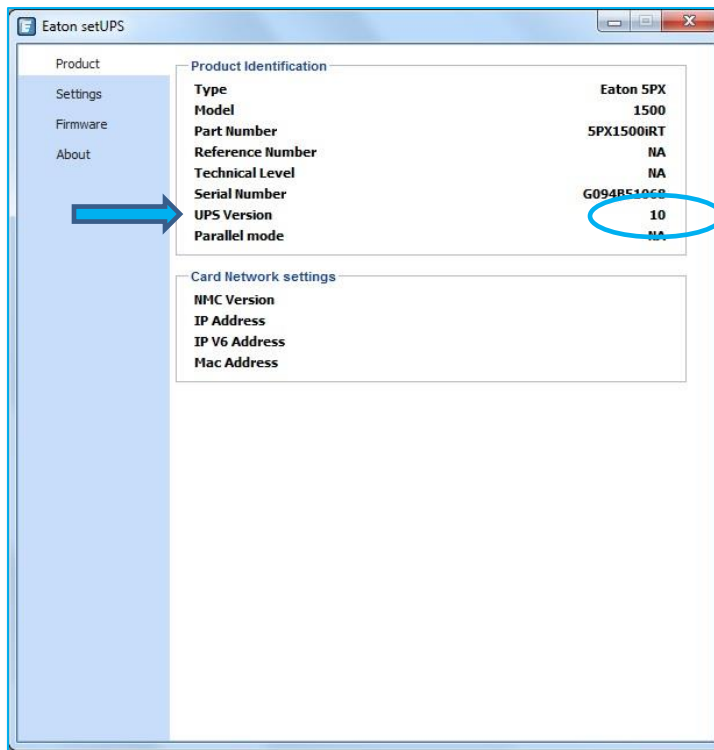
The **setUPS** issues a pop up to let know the firmware flash has been successful : Click on “OK” :



Firmware upgrade procedure

10. Return to normal state

➔ The **setUPS** reverts back to the UPS information section. The firmware version should now reflect the latest version :



11. UPS ON

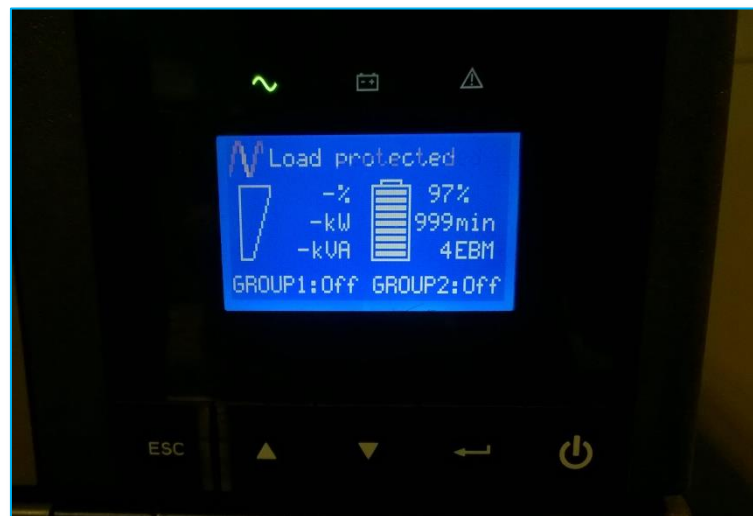
➔ Press and hold the power button for 3 seconds to turn the UPS back ON :



Firmware upgrade procedure



Once the UPS is ON, the following screen appears :

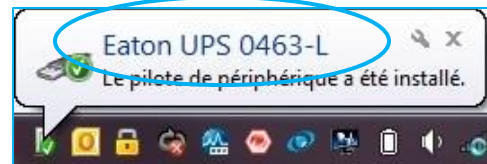
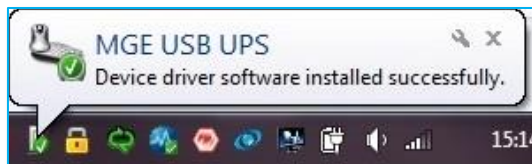


Loads can now be powered back ON !

Firmware upgrade procedure

12. Trouble shooting

- The firmware upgrade is stopped during the process :
→ restart the firmware upgrade process and the upload starts again.
- The **setUPS** software doesn't recognize your 5PX UPS : the computer installed a wrong UPS driver (**MGE USB UPS**) :
→ you have to restart **setUPS** to have the correct driver installed (**Eaton UPS 0463-L**).



- In the firmware section, the “**Upload firmware**” button is not available :
→ UPS is not powered OFF, refer to the section “**4. Power OFF the UPS**”
- The display is completely blue and it is difficult to read text on it :
Initial settings :
It is necessary to set UPS local settings, possibly before to adjust the contrast.
→ Language



Bad contrast

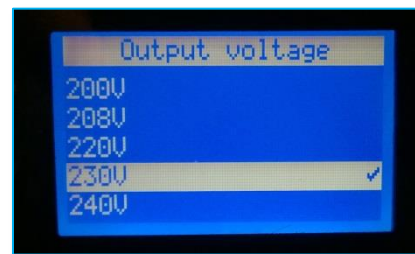


Good contrast (for reference)

- Output voltage



Bad contrast



Good contrast (for reference)

Firmware upgrade procedure

Adjust the display contrast :

- Go to the menu Settings / Local settings / LCD settings / Modify contrast /
- Press enter button and scroll buttons to adjust the contrast :

