



Eaton[®] setUPS

Firmware upgrade procedure

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1. Download the software setUPS and the firmware

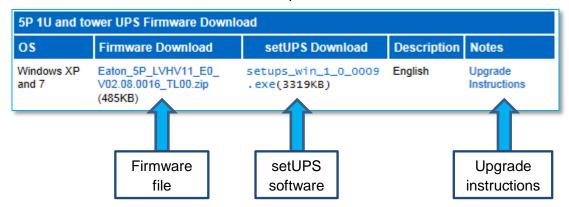
→ Go to the Power Quality Website (http://eaton.com/Downloads/)

| Products & Services | Solutions | Knowled | ge Center | Customer Support | How to Buy |
|---|-----------|---------|--------------|------------------|------------|
| 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 Solut | ion type | ~ |

→ Select your product , **5P**, and select your solution type, firmware.



→ Click on "Download 5P UPS Firmware Updates"



And click on the required link.



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.

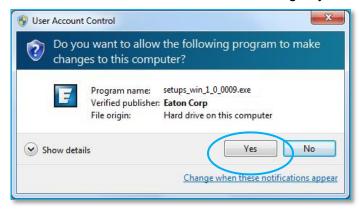


3. Launch setUPS

→ 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"

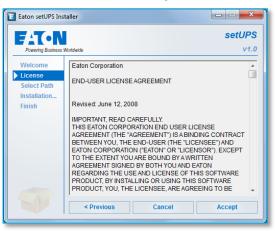




The installer opens, click on "Next"

| aton setUPS Inst | aller | X |
|-----------------------------|--|----------------|
| Powering Business W | arldwide | setUPS v1.0 |
| Welcome | Welcome to Eaton setUPS installer | |
| Select Path Installation | Please check that your UPS communication is connected before proceeding with the installation | n |
| riiisii | | |
| | | |
| | | |
| N | Cancel | Next > |
| 5 | Cancel | Next> |

Read and click on "Accept"



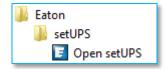
Click on "Install"

And on "Finish"

| Powering Business | | setUPS v1.0 | Powering Business Worldwide | setUP: v1. |
|---|--|----------------|--|---------------|
| Welcome License Select Path Installation Finish | Please select the product installation folder: C:Program Files (x86)/Eaton\setUPS | | Welcome Product installation in pro License Copy files Select Path Installation Installation Installation was complete Click on the 'Finish' buttor Click on the 'Finish' buttor | |
| | < Previous Cancel | Install | | Finish |

And the Eaton[®] setUPS starts.

→ If Eaton[®] setUPS is already installed, from All Programs menu, open setUPS





At the startup, the software searches for the connected UPS

| Product | Status |
|----------|---|
| Firmware | Searching device (wait 30 secondes after connecting cable or initiating application) |
| About | If computer and device are connected with USB cable and there is no communication after 30 seconds, please disconnect then connect again the USB cable. |
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and as soon as communication is established, the product is identified :

| Eaton setUPS | | |
|--|--|---|
| Eaton setUPS Product Settings Firmware About | Product Identification Type Model Part Number Reference Number Technical Level Serial Number UPS Version Parallel mode | Eaton SP 1150 5P1150 NA NA G112D44027 0206.0014 NA |
| | Card Network settings NMC Version IP Address IP V6 Address Mac Address | |
| | | |



4. Power OFF the UPS

 \rightarrow 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 :

| Eaton setUPS | |
|--|---|
| Product Settings Firmware About | Available firmware versions setUPS reads firmware packages (*.sta) from your directory C: [Users e9911323 My Documents Eaton setUP5 firmware Firmware |
| | UPS Version 02.06.0014 UPS On/Off button Off Compatible firmware Click on this button to update connected product with selected firmware Firmware Upload Status Please select a firmware to know about it |
| | |



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

| Eaton setUPS | |
|---------------------------------|--|
| Product Settings Firmware | Available firmware versions setUPS reads firmware packages (*.sta) from your directory C:[Users]e9911323 [My Documents [Eaton setUPS [firmware |
| About | Firmware Eaton_5P_E0_V02.06.0014_TL00.sta Eaton_5P_LVHV11_E0_V02.08.0016_TL00.sta |
| | UPS Version 02.06.0014 UPS On/Off button Off Compatible firmware Chck on this button to update connected product with selected firmware |
| | Firmware Upload Status This firmware is compatible with the current product. Update button is enabled because UPS Output is not powered. |
| | |

6. Firmware selection

→ Click on the firmware file to select it and then on the "Upload firmware" button :

| E Eaton setUPS | |
|---------------------------------|--|
| Product Settings Firmware | Available firmware versions setUPS reads firmware packages (*.sta) from your directory C: Users e9911323 My Documents Eaton setUPS\firmware |
| About | Firmware Eaton_SP_E0_V02.06.0014_TL00.sta Eaton_SP_LVHV11_E0_V02.08.0016_TL00.sta |
| | UPS Version 02.06.0014 UPS On/Off button Off Compatible firmware Click on this button to update connected product with selected firmware Upload firmware Please select a firmware to know about it |
| | |



7. Confirmation

→ The following screen appears which reminds you that UPS output is OFF during the upgrade, select "**Yes**" to continue

| Eaton setUPS | |
|--|--|
| Product Settings Firmware About | Available firmware versions setUPS reads firmware packages (*.sta) from your directory C:[Users]e9911323]My Documents [Eaton setUPS]firmware Firmware Eaton_SP_E0_V02.06.0014_TL00.sta Eaton_SP_LVHV11_E0_V02.08.0016_TL00.sta |
| the load is on I | suble load loss : to avoid any possible load loss, the firmware download has to be done when Manual Bypass or with the load switched off (if no Manual Bypass exists). sure that you wish to continue with the firmware download now ? Yes No |
| | Firmware Upload Status This firmware is compatible with the current product. Update button is enabled because UPS Output is not powered. |

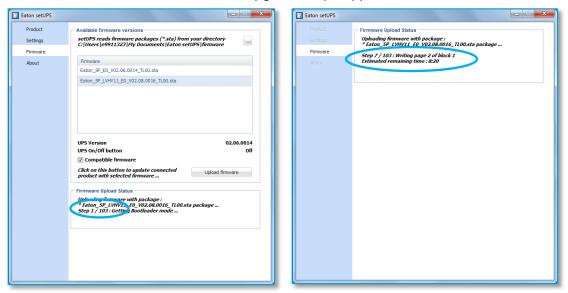
8. Upgrade process

→ A click noise comes from the UPS (relay) and the UPS 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 will goes blank and the AC line, the battery and the Alarm lights cycle. This is normal.





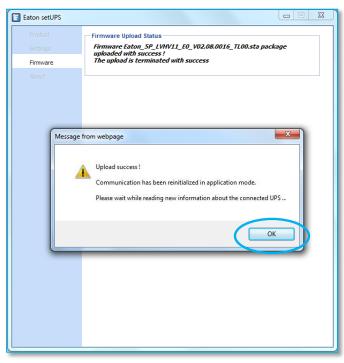
And on setUPS window, the firmware upgrade steps appear :



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**" :





10. Return to normal state

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

| Eaton setUPS | | X- |
|--------------|----------------------------------|------------------|
| Product | Product Identification | |
| Settings | Туре | Eaton 5P |
| Firmware | Model | 1150 |
| | Part Number | 5P1150 |
| About | Reference Number | NA |
| | Technical Level Serial Number | NA 6112011027 |
| | UPS Version | 02.08.0016 |
| | Parallel mode | 02.08.0010 |
| | | |
| | Card Network settings | |
| | NMC Version | |
| | IP Address | |
| | IP V6 Address Mac Address | |
| | Mac Address | |
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11. UPS ON

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







Once the UPS is ON, the following screen appears :

| | 7. | l protec -% -W -W -VA | 90% 99min | |
|-----|----|-----------------------------------|--------------|--|
| ESC | | • | 4 | |

Loads can now be powered back ON !



Eaton[®] setUPS

Firmware upgrade procedure

12. Trouble shooting

- → The firmware upgrade is stopped during the process :
- \rightarrow restart the firmware upgrade process and it continues the upload.

→ The *setUPS* software doesn't recognize your 5P UPS : the computer installed a wrong UPS driver (MGE USB UPS) :

 \rightarrow 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 :

 \rightarrow UPS is not powered OFF, refer to the section "4. Power OFF the UPS"

