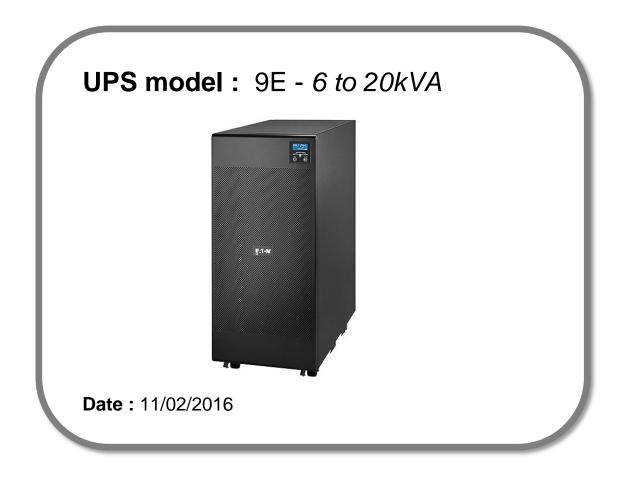


ИБП Eaton 9E 20000i (9E20Ki) - Eaton 9E - Обновление программного обеспечения (февраль 2016)

Постоянная ссылка на страницу: https://eaton-power.ru/catalog/eaton-9e/eaton-9e-20000i/

Eaton[®] setUPS

Firmware upgrade procedure





Eaton[®]setUPS_9E_6to20k_firmware_upgrade_rev_01

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Eaton[®] setUPS

Firmware upgrade procedure

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1. Download the software setUPS and the firmware

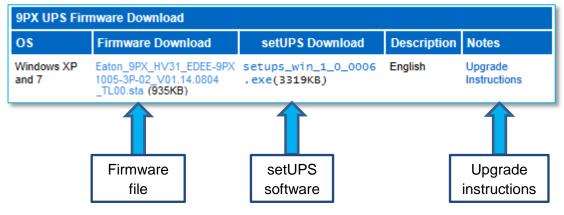
→ Go to the Power Quality Website (http://eaton.com/Downloads/)

| 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 , 9E, and select your solution type, firmware.



→ Click on "Download 9PX UPS Firmware Updates"

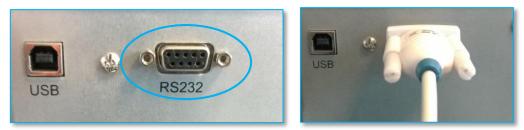


And click on the required link.



2. UPS connection

→ Connect a cable to the UPS unit, on RS232 (DB9) 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

F setups_win_1_0_0009.exe

and valid the "User Account Control" message by "Yes"



The installer opens, click on "Next"



Read and click on "Accept"



Eaton[®]setUPS_9E_6to20k_firmware_upgrade_rev_01

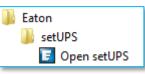
Click on "Install"

| Eaton setUPS Installer | Eaton setUPS Installer |
|--|---|
| Extent score or product Powerdg Business Workdwide Velcome License Select Path Installation Finish < Previous Cancel Install | Vectories SetUPS Powerig Business Worktwice V1.0 Welcome Product installation in progress License Copy files Select Path Installation Finish Installation was completed successfully. Click on the 'Finish' button to launch the application now. |

And on "Finish"

And the Eaton[®] setUPS starts.

→ If Eaton[®] setUPS is already installed, open setUPS



At the startup, the software searches for the connected UPS

| Eaton setUPS | |
|--------------|---|
| 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. |
| | |
| | |
| | |
| | |
| | |
| | |
| | |



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

| on setUPS | | |
|-----------|------------------------|------------------------------------|
| oduct | Product Identification | |
| ettings | Туре | Eaton 9E |
| - | Model | 20000i |
| mware | Part Number | 9E20Ki |
| oout | Reference Number | 9520 |
| | Technical Level | NA |
| | Serial Number | G430E07003 |
| | Firmware Version | 01.06.0002 |
| | Parallel mode | NA |
| | Card Network settings | |
| | NMC Version | 00.00.0000 |
| | IP Address | 000.000.000 |
| | IP V6 Address | 0000:0000:0000:0000:0000:0000:0000 |
| | Mac Address | 00:00:00:00:00:00 |
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| | | |
| | | |
| | | |

4. Go to Bypass

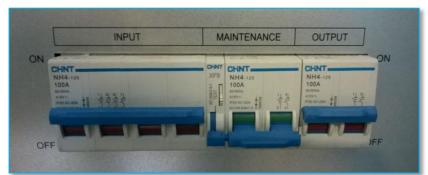
→ On the UPS, press on the 2 buttons at the same time for more than 4 seconds. The upper led indicator (orange) illuminates, the message " A C20" is displayed and a click noise comes from the UPS (relay) :

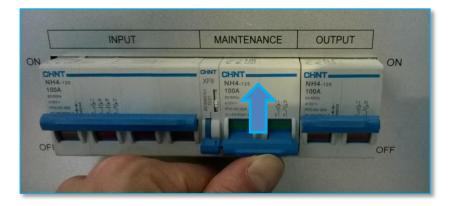


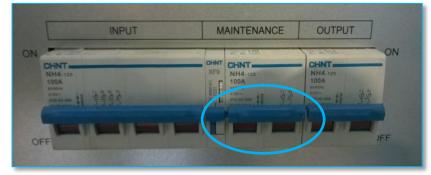
WARNING : loads are not protected anymore !



→ Maintenance Bypass (MBP) of the UPS : at the UPS rear, switch up the MAINTENANCE breaker :







The message " A 900" is displayed :





5. setUPS firmware menu

→ On the left menu, select "Firmware" section, the available firmware appears :

| Eaton setUPS | | <u> </u> |
|---------------------|--|--------------------------------------|
| Product Settings | Available firmware versions setUP5 reads firmware packages (*.sta) from C: Users e9911323 My Documents Eaton set | |
| About | Firmware | |
| | Firmware Version Activated Bypass Compatible firmware Click on this button to update connected product with selected firmware Firmware Upload Status Please select a firmware to know about it | 01.06.0002 Yes Upload firmware |
| | | |

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 | Available firmware versions setUPS reads firmware packages (*.sta) from your directory | | |
| Firmware | | | |
| About | Firmware | | |
| | Eaton_9E_HV31_EDEE-9E1305_V01.06.0002_TL00.sta | | |
| | Eaton_9E_HV31_EDEE-9E1305_V01.07.0001_TL00.sta | | |
| | Eaton_9E_HV31_EDEE-9E1305_V01.08.0001_TL00.sta | | |
| | Firmware Version 01.06.0002 Activated Bypass Yes Image: Compatible firmware Yes Image: Click on this button to update connected product with selected firmware Upload firmware Firmware Upload Status Please select a firmware to know about it | | |



6. Firmware selection

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

| Eaton setUPS | |
|---------------------|--|
| Product Settings | Available firmware versions setUPS reads firmware packages (*.sta) from your directory C Users e9911323 My Documents Eaton setUPS firmware |
| Firmware About | C:[05:ers][e3911325][PV Documents][ration setups][immware Firmware Eaton_9E_HV31_EDEE-9E1305_V01.06.0002_TL00.sta Eaton_9E_HV31_EDEE-9E1305_V01.07.0001_TL00.sta Eaton_9E_HV31_EDEE-9E1305_V01.08.0001_TL00.sta Firmware Version 01.06.0002 Activated Bypass Yes |
| | ☑ Compatible firmware Click on this button to update connected product with selected firmware Upload firmware Firmware Upload Status This firmware is compatible with the current product. Update button is enabled because UPS is not powered or UPS is in Bypass mode (see 'ByPass' in 'Control' menu). |

7. Confirmation

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

| Eaton setUPS | | |
|----------------------------------|---|--|
| Product | Available firmware versions | |
| Settings | setUP5 reads firmware packages (*.sta) from your directory C:\Users\e9911323\My Documents\Eaton setUP5\firmware | |
| Firmware | er losers lessenses in y boeaments leaten seten s immune | |
| About | Firmware | |
| | Eaton_9E_HV31_EDEE-9E1305_V01.06.0002_TL00.sta | |
| | Eaton_9E_HV31_EDEE-9E1305_V01.07.0001_TL00.sta | |
| | Eaton_9E_HV31_EDEE-9E1305_V01.08.0001_TL00.sta | |
| /arning | | |
| Attention : po the load is on | ssible 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 ? | |
| Attention : po the load is on | ssible 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). | |



8. Upgrade process

→ The *setUPS* transfers the UPS into Boot loader mode. The UPS emits a long "beep" and the fans turn in high speed. The firmware will then be erased and then rewritten into the UPS.

During the flash process, the leds on the UPS cycle, and LCD is blank :



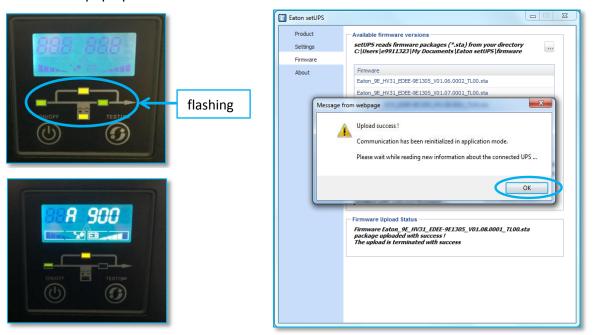
And on setUPS window, the firmware upgrade steps appear :

| Eaton setUPS | | Eaton setUPS |
|---------------------------------|--|---|
| Product Settings Firmware | Available firmware versions setUPS reads firmware packages (*.sta) from your directory C:[Users]e9911323]Hy Documents[Eaton setUPS]firmware | Product Available firmware versions Settings settIPS reads firmware packages (*.sta) from your directory C.[Users]e9911323[Hy Jocuments][staton setUPS[firmware |
| About | Firmware Exton, SE_HV31_EDEE-9E1305_V01.06.0002_TL00.sta Exton, SE_HV31_EDEE-9E1305_V01.07.0001_TL00.sta Exton, SE_HV31_EDEE-9E1305_V01.08.0001_TL00.sta Firmware Version 01.06.0002 Activated Bypass Yes Compatible firmware Upload firmware Entrow tub backcade dimmare Upload firmware Firmware Upload Status Yes Yeston of the product with sekectade firmware Upload firmware | About Firmware Exten_SE_HV31_EDEE-4E1305_V01.06.0002_TL00.sta Exten_SE_HV31_EDEE-4E1305_V01.08.0001_TL00.sta Exten_SE_HV31_EDEE-4E1305_V01.08.0001_TL00.sta Exten_SE_HV31_EDEE-4E1305_V01.08.0001_TL00.sta Firmware Version 01.06.0002 Activated Bypass Yes Compatible firmware Upload firmware Diploading firmware Upload firmware Stepsore_Set01_EDEF-9E1305_V01.08.0001_TL00.sta package Step 5 / 107. Writing page 1 of block 0 |



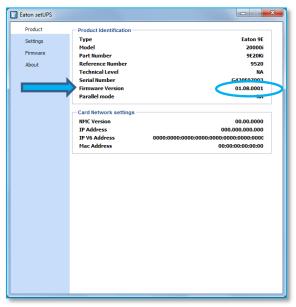
9. Upload success

→ When the firmware flash process is done, fans speed decrease +the UPS emits a "click" noise and the 4 leds blink simultaneously, A900 display comes back. 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 :

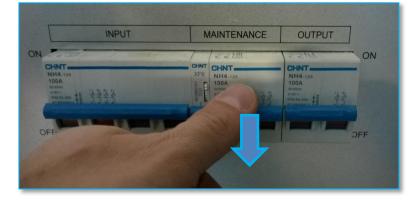


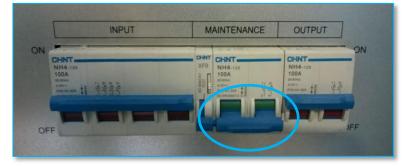


11. Go back to Normal

→ At the UPS rear, switch down the MAINTENANCE breaker :







Leds cycle :





→ The UPS is back online, the loads are protected and the following screen appears :



12. Trouble shooting

- → The firmware upgrade is stopped during the process :
- \rightarrow restart the firmware upgrade process and it continues the upload.
- → In the firmware section, the "Upload firmware" button is not available :
- \rightarrow UPS is online, refer to the section "4. GO to bypass"

