

Firmware Upgrade Notice – v1.46 available now

November 21, 2005

Product: ConnectUPS SNMP/Web Card (10Mb Only)

Part Numbers: IPK-0330 (10Mb – X-Slot form factor)
IPK-0329 (10Mb – BD-Slot form factor)

Eligible Versions: 1.40 (and older) for the 10Mb card.

All users of the cards with v1.40 (and older) are encouraged to upgrade their firmware to v1.46.

Required:

- cupgrade.exe (The Windows-based upgrade utility)
- Pw146.bin (The new firmware image)
- ConnectUPS SNMP/WEB Adapter User's Guide
- Network-connected Windows PC

Purpose:

Periodically, Powerware releases firmware upgrades for some of its products. With this release, new features become available, but more importantly, some old problems have been corrected. Please reference the document **History_10.pdf** if you are interested in knowing what enhancements and changes have been made between each released version of firmware.

Upgrade Procedure:

1. Review and record your specific configuration settings for each 10Mb ConnectUPS SNMP/WEB Card to be upgraded. Note: The IP Address, Gateway and Network Mask information will be retained during the upgrade process.
2. Shutdown any existing copies of Netwatch client software that are dependent on the card(s) to be upgraded. Likewise, any SNMP Network Management Software that monitors the card(s) to be upgraded should also be configured to temporarily disregard the status of the card(s).
3. Follow the steps listed in the ConnectUPS SNMP/WEB Adapter User Guide – section titled **Upgrading the ConnectUPS Adapter Firmware** to upgrade each card with v1.46 firmware. No more than four cards can be upgraded across the network at the same time.
4. Once each card has been upgraded using cupgrade.exe, allow 2 minutes for the card to reboot before proceeding.

5. Using a Telnet (or individual serial) connection, enter the Superuser password to gain access to the configuration menus.
6. Select Menu item 2 – Reset Configuration to Default by typing **2**, followed by pressing the **Enter** key. Confirm the selection by typing **Y**, followed by pressing the **Enter** key. Note: You MUST perform this step if your previous version of firmware was v1.36 or lower. Failure to do so may render the card inoperable.
7. Wait 15 seconds to ensure that the card has had enough time to perform the complete operation.
8. Select Menu item 3 – Restart SNMP/WEB Card by typing **3**, followed by pressing the **Enter** key. Confirm the selection by typing **Y**, followed by pressing the **Enter** key. Note: You MUST perform this step.
9. If you are using a Telnet connection, you will lose your connection upon instructing the card to restart. Wait 1 minute to ensure that the card has completely restarted and then establish your Telnet connection once again. Note: Users performing this step using a serial connection should wait until they receive the “Ready” text message from the card indicating that it has rebooted.
10. Using the Telnet (or individual serial) connection, enter the Superuser password to gain access to the configuration menus. Note: If you performed the Reset Configuration to Default step 6, your Superuser password has been reset to its default value of **admin**.
11. Select Menu item 1 – SNMP/WEB Card Settings by typing **1**, followed by pressing the **Enter** key. As necessary, select the individual submenus and reprogram any specific configuration items that were returned to default during the step 6 above. Note: If your card previously contained v1.36 or lower firmware and you performed the Reset Configuration to Default step 6, the Superuser password was reset to its default of **admin**, so if you have previously set a specific password for security purposes, make sure to reprogram it at this time. Users with cards that previously contained v1.40 firmware should just check their configuration settings, as they didn't have to be reset to default values per step 6.

Upon completion of these steps, verify that the card(s) you have upgraded are visible and accessible on the network using your browser and/or SNMP Network Management Software. Any copies of Netwatch client software can be restarted at this time.

This completes the upgrade process.

Note: If you require assistance during the upgrade process, please contact Powerware Global Services at the appropriate phone number below:

3-Phase UPS Products: 800-843-9433 – Select the appropriate option

Single-Phase UPS Products: 800-356-5737 – Select the appropriate option