

1.0 Supported Operating Systems

Windows® 98SE/ME	Windows® NT4 SP6
Windows® 2000 Family	Windows® XP Family
Windows® 2003 Family	Redhat™ Linux 8*
Redhat™ Linux 9*	Redhat™ Linux V.3*

2.0 System Requirements

- 400 MHz or higher processor
- 64MB RAM
- Java Runtime Environment (J2RE) 1.4.1 or above. Available at www.java.com
- Minimum display settings 800x600 dpi. Recommended display 1024x768 dpi or above
- 12 MB Hard drive space
- USB or Serial Port
- UPS System

3.0 PowerAlert 12 Windows® Installation

To install PowerAlert, load the CD and wait, as the setup will automatically launch. Once the installation screen appears, select PowerAlert 12 and follow the prompts. After the installation is complete, the PowerAlert engine will automatically start, detecting your UPS in the process.

To install PowerAlert 12 from a download off the Web, double-click the .exe file in the location the file was saved to and the installation will begin.

Note: *If a prior version of PowerAlert has been installed, the new installation will prompt you to uninstall it. (You must uninstall any prior version of PowerAlert in order to proceed with the installation.)*

4.0 PowerAlert 12 Redhat™ Installation

**Redhat Linux 8 and 9 does not currently support Tripp Lite USB UPS systems. (The USBHID driver was changed in RedHat between versions 7.2 and 8 and no longer supports Tripp Lite's USB communication packet structure). Tripp Lite is working on providing support for USB UPS systems on Linux. Please continue to visit Tripp Lite's website for further updates.*

Installation requires that you have logged in as root. Once you have logged in as root, launch the Setup.bin file on the CD located in the \PowerAlert12\RedHat directory. A GUI installation will appear. Follow the prompts to complete the installation. Once the installation has finished installing the program files, you will need to log out and log back in to complete the installation process.

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From a terminal screen you can execute the following scripts from opt/Tripplite/PowerAlert (default install location).

```
pa start - starts the PowerAlert engine
pa stop - stops the PowerAlert engine
pa status - shows the status of the engine
pa console - launches the PowerAlert graphical interface
pa uninstall - uninstalls PowerAlert 12
```

Example: [root@localhost PowerAlert]# pa start

To install PowerAlert 12 for Linux from a download, do the following:

- Open a terminal window
- Change to the directory that the .bin file was downloaded to
- Type `chmod 777 pa12_1Linux.bin`
- Begin the installation by performing one of the following:
 - Double-click the .bin file to begin installation
 - Type `./pa12_linux.bin`

5.0 Getting Started with PowerAlert 12

By default setting, PowerAlert will begin to execute an operating system shutdown when the UPS operates on battery for 2 minutes. After 6 minutes on battery, the UPS will shut down. Default settings can be modified through the PowerAlert console.

Microsoft™ Windows®-Based Systems

1) After installation, there are two ways to launch the PowerAlert console:

- First, via the PowerAlert Status Console light bulb icon in the system tray.

Figure 1



Right click on the light bulb and select Launch PowerAlert Console.

2) The other way to launch the PowerAlert Console is through the Start Menu-Programs-Tripp Lite-PowerAlert-PowerAlert Console icon.

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- 3) To stop and start the PowerAlert Engine, right click on the light bulb icon and select the PowerAlert UPS Engine menu item. Select Stop or Start the PowerAlert Engine service.

Additional information

More detailed information is available through the PowerAlert Console Help menu.

FAQ

Q. I try installing Java but a popup appears stating that I do not have proper privileges.

A. In order to install Java you need administrative privileges.

Q. How do I verify what version of J2RE I have installed?

A. From a DOS prompt you can type Java -version or you can look in the Windows Add/Remove programs list. Linux users can perform this function from a terminal interface.

Q. PowerAlert is showing multiple devices and I only have 1 device connected. How do I get rid of the inactive device?

A. At one point you may have had another UPS system or different UPS systems connected to your computer. To delete the second inactive device you will need to launch the PowerAlert console and navigate to the Settings-Device screen. Click on Delete Device at the bottom on the screen.

Q. PowerAlert 12 is not working and my firewall keeps popping up a message telling me that a program is trying to use ports 3664 and 3665. How do I correct this problem?

A. Tripp Lite has two registered ports assigned to us by the Internet Assigned Numbers Authority (IANA). Tripp Lite's registered ports are 3664 and 3665. PowerAlert 12 needs these ports to communicate; you will need to open these ports in your firewall. Once you have done this PowerAlert 12 will work as it was designed.

Q. I am unable to receive email through PowerAlert 12. How do I get this to work?

A. It won't work if your service provider requires a password for your smtp and pop server. PowerAlert does not have password authentication enabled at this time, although Tripp Lite is addressing this functionality. Continuously check the website for PowerAlert 12 updates.

Q. PowerAlert 12 locks up during the install on Windows 2003. What is the problem?

A. Windows 2003 has different security settings than previous Windows releases. The install locks up because PowerAlert 12 has detected that the computer is running IIS (Internet Information Services Manager) but does not have the privileges to install the PowerAlert

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applet. You will need to make a couple of changes before you are able to install PowerAlert12. In the control panel select Administrative Tools and then select Internet Information Services (IIS) Manager. Navigate to the Web Sites folder – Default Web Site – PowerAlert. Right click on PowerAlert and select Properties. Select Virtual directory and make sure the Read, Write check boxes are checked. Now start the install from the beginning.

Q. I am unable to launch the PowerAlert 12 console screen from the icon in the system tray on my NT computer. What is the problem?

A. This is a known issue with PowerAlert 12 and will be addressed in a future update. Currently the only way you can launch PowerAlert 12 through NT is to go to the drive which PowerAlert 12 is installed on, open the program files folder and click on Tripp Lite – PowerAlert – Console – paconsole.jar. By executing the paconsole.jar file the console screen will appear. To create a shortcut for this process, you may want to place the paconsole.jar file on the desktop of your computer. Continuously check the website for PowerAlert 12 updates.

Q. Tripp Lite's PowerAlert 11 offered support for APC UPSs. Does PowerAlert 12 do the same?

A. PowerAlert 12 (Build 12.00.0031 and above) has added support for APC and MGE USB UPSs only. Support for additional vendors and models will follow in later releases.

Q. I have a contact closure UPS, but there are two contact closure options in the list. Which one do I select?

A. There are two selections for contact closure “NONO” and “NCNC”. All UPSs will use protocol “Contact Closure(NONO)” except for UPS with stock codes, BC4484 and the BC4485, which will use the “Contact Closure NCNC” protocol. The stock code number can be located on the bottom of the unit.

Q. Where do I add a contact closure UPS system?

A. Start the PowerAlert Engine, then launch the PowerAlert Console and go to the Settings-Device menu and click the Add Device button. You will need to select the communication port that the UPS is plugged into and the communication protocol. Click the Apply button.

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Q. I installed J2RE 1.4.2.<version> successfully on my Linux Redhat™ system but am unable to get PowerAlert 12 to install.

A. Verify that the OS has a path to Java by typing in `java -version`. The installed Java version should be reported back at this time. If the installed Java version is not reported please contact your systems administrator, as they may need to modify the `systems.bash_profile` to put in a direct path to the proper files. Refer to the Java website for more information.

(www.java.com)