CyberPower®   PowerPanel®   Software User's Manual

K01-0PP000A

Overview

PowerPanel®version 2.1.4 or greater is designed for use with Windows 95, Windows 98, Windows Me, Windows NT, Windows 2000, and Windows XP. The latest version can be downloaded from www.cyberpower-eu.com/download.html. It works in conjunction with the UPS to provide full protection of valuable computer systems, applications and data. In the event of a power failure, PowerPanel®automatically saves and closes open files under auto-assigned file names or existing files names after a software controlled delay. The computer and UPS are automatically shutdown to conserve battery power. Files with auto-assigned names will be saved under **C:\PCTemp**, where **C** is the name of your main hard drive.

Files that have previously been saved will be saved in their original location. PowerPanel® is equipped with a **Scheduled Shutdown** feature which can automatically save and close open files and then shutdown the computer and UPS at a user specified date and time. Use of this feature is optional and is not required for the 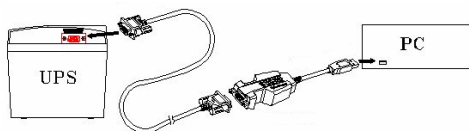power failure shutdown to occur. The use of the PowerPanel® software is optional. The UPS unit will provide full surge suppression and battery backup without the software. You must use the software if you wish to have the automatic shutdown feature.

Installation Guide

(Cyber Power UPS can provide surge suppression and battery backup without the software. However, if you need to schedule for UPS Auto-shutdown, then it is necessary to install the software.)

USB Function (Optional)
1. Turn off your UPS
2. Connect the serial interface cable to your UPS and the open serial port on the rear panel of the computer. If you would like to use USB interface, please connect the USB adapter with the Serial Cable then connect the USB to your computer. (See the figure)
3. Plug the UPS into an AC outlet, turn the UPS on and start your computer.
4. Follow the instructions on the User's Manual to complete the installation.

For Windows 95 /98 /ME
1. Turn the UPS off and unplug it.
2. Connect the serial interface cable to serial port on the UPS and an open serial port on the back of the computer. (Note: You must use the serial cable that was supplied with the unit).
3. Plug the UPS into an AC outlet, turn the UPS on and start your computer.
4. Once the computer was finished booting, insert the PowerPanel® disk into the floppy drive.
5. Click on **Start**, point to **Settings**, and then click **Control Panel**.
6. Double-click on **Add / Remove Programs**.
7. Click the **Install Button**, and follow the on-screen instructions.
8. When the installation is completed, remove the floppy disk.

For Windows NT
1. Click on **Start**, point to **Settings**, then click **Control Panel**.
2. Double-click the **UPS Icon**.
3. Remove the checkmark from the box labeled **UPS is installed on**, and Click **OK**.
4. Acknowledge the message that the UPS is in an unknown state and exit to the desktop.
5. Shutdown your computer.
6. Turn off the UPS and unplug it.
7. Connect the serial interface cable to serial port on the UPS and an open serial port on the back of the computer. (Note: You must use the serial cable that was supplied with the unit).
8. Plug the UPS into an AC outlet, turn the UPS on and then start your computer.
9. Click on **Start**, point to **Settings**, then click **Control Panel**.
10. Double-click on **Add / Remove Programs**.
11. Click the **Install Button** and follow the on-screen instructions.
12. When the installation is complete, remove the floppy disk.

For Windows 2000
1. Click on **Start**, point to **Settings**, then click **Control Panel**.
2. Double-click on **Power Options**.
3. On the **UPS Tab**, click **Select**.
4. In the UPS selection dialog box, under Manufacturers, select **None**.
5. Exit to the desktop.
6. Shutdown the computer, then turn the UPS off and unplug it.
7. Connect the serial interface cable to serial port on the UPS and an open serial port on the computer. (Note: You must use the serial cable that was supplied with the unit).
8. Plug the UPS into an AC outlet, turn the UPS on, and then start your computer.
9. Insert the PowerPanel™ software disk into the floppy drive.
10. Click on **Start**, point to **Settings**, and then click **Control Panel**.
11. Double-click on **Add / Remove Programs**.
12. Click the **Install Button**, and follow the on-screen instructions.
13. When the installation is completed, remove the floppy disk.

For Windows XP (Home and Professional)
1. Click on **Start,** and then click on **Control Panel**.
2. Double-click on **Power Options**, and then click the **UPS tab**.
3. Set the manufacturer to **None**.
4. Exit to the desktop and then shutdown your computer.
5. Connect the serial interface cable to serial port on the UPS and an open serial port on the back of the computer. (Note: You must use the serial cable that was supplied with the unit).
6. Plug the UPS into an AC outlet, turn the UPS on and then start your computer.
7. Insert the PowerPanel® disk into the floppy drive.
8. Click on **Start**, and then click **Control Panel**.
9. Double-click on **Add or Remove Programs**.
10. Click on **Add New Programs**, and then click the **CD or Floppy Button**.
11. Follow the on-screen instructions.
12. When the installation is completed, remove the floppy disk.

When the installation is completed, the PowerPanel® software will appear on your screen for a few seconds, and then minimize. It will appear as a blue and white battery icon located in the system tray, near the clock.

Operating Instructions

PowerPanel® Main Window Description   (See Figure 1)

1. **Minimize Button:** This button is used to minimize the software.
2. **Power :** Clicking on the power button will exit the PowerPanel®window.
3. **Setup :** Click the setup button to open the **Setup Window**.
4. **Log:** Click on the log button to open the **Log Window**.
5. **Schedule:** Click the schedule button to open the **Scheduled Shutdown Window**.
6. **AC Power Indicator:** This indicator appears in a green color when AC power in normal. When the power fails, the indicator will change to a red color with an "X" through it.
7. **Battery OK Indicator:** This indicator appears in a green color when AC power is normal and the unit and software are communicating.
8. **Scheduled Shutdown:** If there is a shutdown scheduled within seven days, the information will be displayed here. The user can schedule a shutdown in the **Scheduled Shutdown Window**.
9. **Final Countdown:** When the final countdown timer reaches zero, the software will begin shutting down the system. This can be adjusted in the **Setup Window**.
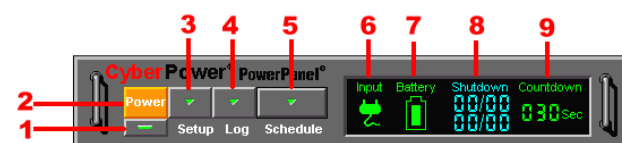

Figure 1.

PowerPanel® Setup Window   (See Figure 2)
1. **Delay between Warning Messages:** User adjustable setting for the delay between the audible alarms that occur during a power failure.

2. **Time between Power Failure and Initial Warning:**   This setting determines the delay between when the power fails and the first audible alarm.

3. **Time between Power Failure and Shutdown:**   This is the user controllable delay between when the power fails and the software starts the shutdown process.   If unchecked, the unit will run on battery until the low battery signal is received (2 minutes of backup time remaining) and then start the shutdown process.

4. **Play Voice:**   Voice is being played when the UPS is turning on or facing a power outage.

5. **UPS is Installed On:**   This shows the current port that the UPS is using.   The port assigned to the UPS needs to be used exclusively for the PowerPanel® software.

6. **OK:**   This button is used to exit the setup window **and save any changes**.

7. **Cancel:**   This button is used to exit the setup window **without saving any changes**.

8. **About:**   This button will display information about the software, as well as contact information.
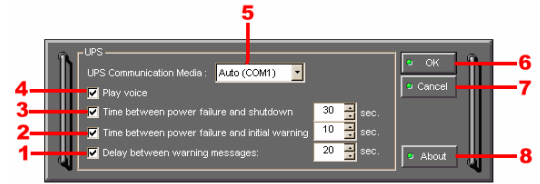
Figure 2

PowerPanel® Log Window   (See Figure 3)

1. **Display Window:**   This area displays either the **Event Log** or the **Closed Application Information**.

2. **Event Log:**   Select this option to view PowerPanel® events such as program start, program end, power failure and low battery.

3. **Closed Application Information:**   Select this option to view the file names of applications that were saved by PowerPanel®.
   Please note: If an application has an existing file name, it will be saved under that file name and not appear in this window.

4. **OK:**   This button is used to exit the log window **and save any changes**.

5. **Cancel:** This button is used to exit the log window **without saving any changes**.

6. **Clear:**   This button is used to clear the information in the selected log.
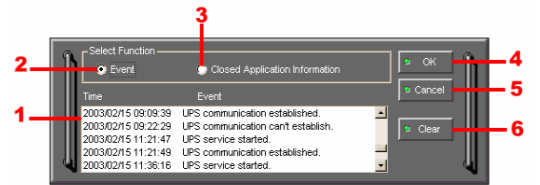
Figure 3

PowerPanel® Shutdown Window   (See Figure 4)

1. **Display Window:**   Any schedule information will be displayed here.

2. **Special Setting:**   This option is used to schedule a shutdown at a specific date and time.

3. **Weekly Setting:**   This option is used to schedule a shutdown for a specific time and day of the week.

4. **OK:**   This button is used to exit the shutdown window **and save any changes**.

5. **Cancel:** This button is used to exit the shutdown window **without saving any changes**.

6. **Add:**   This button is used to add an item to the schedule.

7. **Delete:**   This button is used to delete the selected item.

8. **Day, Date and Time:**   This is the area where you select the day, date and time that you want the shutdown to occur.   Once you have selected it, click the **Add Button** to add the item to the schedule.
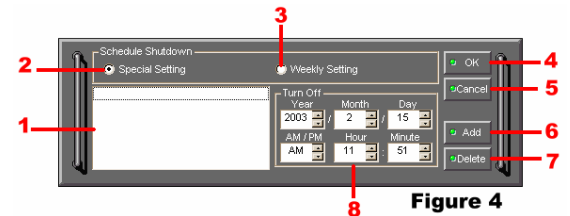
Figure 4

Please note: The use of the schedule is optional and will have no effect on the shutdown of your system during a power failure. This feature is simply used if you want to have your computer automatically shutdown at a scheduled time.

Using the Windows NT UPS Service

If you are running Windows NT, you may choose to use the Windows NT UPS service instead of PowerPanel®.   You can run either PowerPanel® or the NT UPS service, but not both.

To configure the Windows NT UPS Service:

1. Click on **Start**, point to **Settings**, then **Control Panel**.
2. Double-click the **UPS Icon**.
3. Select the COM port that the UPS is connected to.
4. Set the **Power Failure** Signal to **Negative**.
5. Set the **Low Battery** Signal to **Negative**.
6. Set the **Remote UPS Shutdown** Signal to **Positive**.
7. Click **OK**.

*Please note: This service must be stopped in order to use the PowerPanel® software.   To stop the service, remove the checkmark from **Uninterruptible Power Supply is installed on**.   Click **OK**. Acknowledge the message that the UPS is in an unknown state and exit to the desktop.*

Using the Windows 2000 UPS Service

If you are running Windows 2000, you may choose to run the Windows 2000 UPS service instead of PowerPanel®.   You can run either PowerPanel® or the Windows 2000 UPS service, but not both.

To Configure the Windows 2000 UPS Service:

1. Click on **Start**, point to **Settings**, then **Control Panel**.
2. Double-click on **Power Options**, and on the **UPS Tab**, click **Select**.
3. In the **UPS Selection Dialog Box**, under **Select Manufacturer**, select **Generic**.
4. Under **Select Model**, select **Custom**, and on the **UPS Tab**, click **Configure**.
5. Set **Power Fail / On Battery** to **Negative**.
6. Set **Low Battery** to **Negative**.
7. Set **UPS Shutdown** to **Positive**, and then Click **OK**.

*Please note: This service must be stopped in order to run PowerPanel® .   To disable the service, set the **Manufacturer** to **None**.*

Please note: You must be logged on as an administrator or a member of the administrator's group to make these changes.   Network policies may also prevent you from making these changes.   Please contact your network administrator for further assistance.

Testing Your UPS System

Once you have set up your UPS system, you may wish to test it.   Make sure that the UPS has been charged for at least 4 hours before performing this test.

If you are using PowerPanel® software:

1. With your UPS and computer on, open an application such as notepad.
2. Enter some data into the application.
3. Unplug the UPS from the AC outlet.

When a power failure occurs, PowerPanel® will appear on the screen.   The outlet and battery symbols will change to indicate a power failure.   The countdown timer will move towards zero. When the timer reaches zero, the software will begin to save and close any open applications.   The software will auto-assign names to any files that have not been previously saved, and then save the file to the **C:/PCTemp** folder which is located in the root directory of your **C drive** (where **C** is the name of your main hard drive).   Once all open files have been saved and closed, PowerPanel® will shutdown the operating system.   Once the operating system is shutdown, the UPS will turn off within 90 seconds.   Wait until the UPS has turned off before plugging the UPS back into the outlet.

Once the test has been completed, plug the UPS back into the wall and turn it back on.   You may then restart your computer.   Please allow 4 hours for the UPS to recharge before attempting another self-test.

If you are NOT using PowerPanel® software:

1. Have your computer and UPS turned on.
2. Unplug the UPS from the wall to simulate a power failure.
3. The UPS will begin beeping, indicating a power failure.
4. Save and close any open files.
5. Shut down the operating system.
6. Once the computer system is shutdown, turn the UPS off.

As the battery discharges, the unit will beep more rapidly, indicating that the battery is nearing discharge.   Once the test is complete, plug the UPS back in and start your computer. Please allow 4 hours for the UPS to recharge before attempting another self-test.