CyberPower® PowerPanel® Plus

Software User's Manual

Overview

PowerPanel® Plus version 2.1.2 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.cyberpowersystems.com/downloads.htm. 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® Plus automatically saves and closes open files under auto-assigned file names or existing files names after 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® Plus is equipped with a **Scheduled Shutdown** feature that can automatically save and close open files and then shutdown the computer and UPS at a user specified date and time as well as start the computer 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® Plus 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 then start your computer.
4. Windows will find new hardware.
5. Insert the PowerPanel® Plus disk into the floppy drive, then follow the on-screen instructions.
6. When the installation is completed, remove the floppy disk.

For Windows NT
1. Click on **Start**, point to **Settings**, and then click **Control Panel**.
2. Double-click on the **UPS Icon**.
3. Remove the check mark from the box labeled **UPS is installed on**, and Click **OK**.
4. Acknowledge the message that the UPS is in an unknown state.
5. Exit to the desktop, then shutdown your computer.
6. 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 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**, and then click **Control Panel**.
10. Double-click on **Add / Remove Programs**.
11. Insert the PowerPanel® Plus disk into the floppy drive, and then click Install.
12. Follow the on-screen instructions.
13. When the installation is completed, remove the floppy disk.

For Windows 2000
1. Click on **Start**, point to **Settings**, and 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, click **None**.
5. Exit to the desktop and shutdown the computer.
6. Turn the UPS off and unplug it.
7. Connect the serial interface cable to 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. Windows will find new hardware.
10. Insert the software disk into the floppy drive and follow the on-screen instructions.
11. 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** then click on the **UPS tab**.
3. Set the manufacturer to **None**.
4. Exit to the desktop and shutdown your computer.
5. Turn the UPS off and unplug it.
6. 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).
7. Plug the UPS into an AC outlet, turn the UPS on and start your computer.
8. Windows will find new hardware.
9. Insert the PowerPanel® Plus disk into the floppy drive.
10. Follow the on-screen instructions.
11. When the installation is completed, remove the floppy disk.

When the installation is completed, the PowerPanel® Plus 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.

PowerPanel Plus Icon

Operating Instructions

PowerPanel® Plus Main Menu   (See Figure 1)
1. **Log:** Click on the log button to open the **Log Window**.
2. **Power:** Click on the power button will exit the software window.
3. **Minimize Button:** Click this button to minimize the software.
4. **Setup:** Click the setup button to open the **Setup Window**.
5. **Model:** This shows the model of the CyberPower UPS that is being used.
6. **Version:** This shows the **hardware version**.
7. **Status Bar:** The area display messages about the status of the software.
8. **Schedule:** Click this button to open the **Schedule Window**.

Figure 1

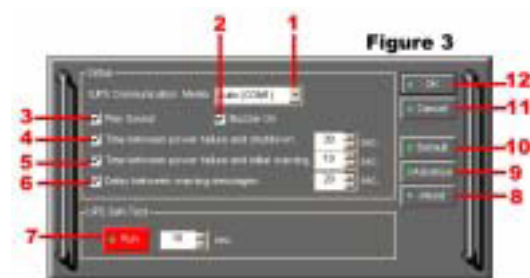### PowerPanel® Plus Main Window Description   (See Figure 2)
1. **Battery Level:** This indicator displays the current charge on the battery. The indicator will display a red color when a power failure occurs.
2. **Input Voltage:** This reading shows the current input voltage of the utility power. The input normally appears in green, but will turn red if the input voltage is not operating normally.
3. **Frequency:** This indicator displays the frequency of the utility power.
4. **Scheduled On:** PowerPanel® Plus can be scheduled to turn your computer system on. This indicator displays scheduled on settings that will occur in the next seven days.

5. Final Countdown: When PowerPanel® Plus detects that the utility voltage is not operating normally, the final countdown will begin. When the countdown reaches zero, PowerPanel® Plus will save and close any open files, and then shut down the operating system in an intelligent and orderly manner.

6. Approximate Backup Time: This indicator shows the approximate amount of backup time that is available, based upon the battery capacity and the load on the system. This indicator can appear in red, yellow, or green, depending upon the number of minutes available.

7. Scheduled Off: PowerPanel® Plus can be set to automatically shutdown the computer system at a user specified time. scheduled off settings that are set to occur within seven days will be displayed.

8. Temperature: This indicator displays the internal operating temperature of the unit. If the temperature exceeds 158°F (70°C), the indicator will change from green to red.

9. Load Level: This indicator shows the % of capacity of the battery outlets that is currently being used. This indicator appears in green or gray, but will turn red if the load exceed 90%.

10. Output Voltage: This indicator shows the output voltage of the UPS.

Figure 2

PowerPanel® Plus Setup Window   (See Figure 3)

1. 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.

2. Buzzer On: This toggles the audible alarm on and off..

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

4. 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.

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

6. Delay between Warning Messages: User adjustable setting for the delay between the audible alarms that occur during a power failure.

7. UPS Self-Test: Allows the user to test the UPS without having to unplug the unit from the wall. When **Run** is clicked, the unit will switch to battery power and the unit will beep.

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

9. Advance: This button opens the **Advanced Setup Window**.

10. Default: Click this button to return the software to original factory settings.

11. Cancel: This button exits the window **without saving changes**.

12. OK: This button exits the window **and saves changes**.
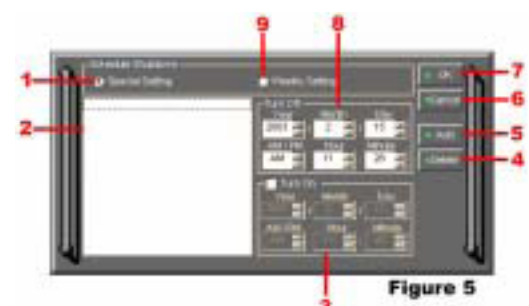
Figure 3

PowerPanel® Plus Advanced Setup   (See Figure 4)

1. Low Battery Voltage: This sets the low battery cut-off level. The user can slightly extend the UPS run time by adjusting this setting.

2. High-Voltage Failure: Sets the upper level where the UPS will switch to battery.

3. Low-Voltage Failure: Sets the lower level where the UPS will switch to battery.

4. Battery-Mode Output Voltage: Sets the voltage that the unit will output when running on battery.

5. Default: Restores the settings to the factory defaults.

6. Cancel: Exits the window **without saving changes**.

7. OK: Exits the windows **and saves changes**.

8. Cold Start: When enabled, the UPS can start in the absence of AC power. To maximize battery life, it is recommended to keep this disabled.

Figure 4

PowerPanel® Plus Schedule Menu   (See Figure 5)

1. Special Setting: This setting allows you to schedule a one-time startup/shutdown.

2. Schedule Display: This area displays the days/dates and times of any scheduled startups and shutdowns.

3. Turn On: Select the day/date and time that you want the computer system to restart. Can only be used in conjunction with a scheduled shutdown.

4. Delete: Delete the selected item from the schedule.

5. Add: Adds an item to the schedule.

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

7. OK: This button is used to exit the shutdown window **and save any changes**.
    *Please note: You must click **Add** to add the item to the schedule.*

8. Turn Off: Select the day/date and time that you want the system to shutdown. This is optional to use and has no effect on whether your computer will shut down during a power failure.

9. Weekly Setting: Allow you to schedule a shutdown/startup based on the day of the week.

Figure 5

PowerPanel® Plus Log Menu   (See Figure 6)

1. Event Option Button: When this option is selected, the log will display different PowerPanel® Plus events, such as power failure, program start, and program end.

2. Log Display: This area displays the information as selected by the **Event**, **Closed Application Information**, or **Data Record** option button.

3. Clear: Clears the selected log.

4. Cancel: Exits the screen **without saving any changes**.

5. OK: Exits the screen **and saves any changes**.

6. Data Record Option Button: When selected, the log will display a record of the items that are shown in the main window, such as input/output voltage and temperature.

7. Closed Application Information Option Button: When this option is selected, the log will display the names and locations of any files that were auto-saved by the software

Figure 6

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