MARATHON

POWER

USER MANUAL

UPS Management Software

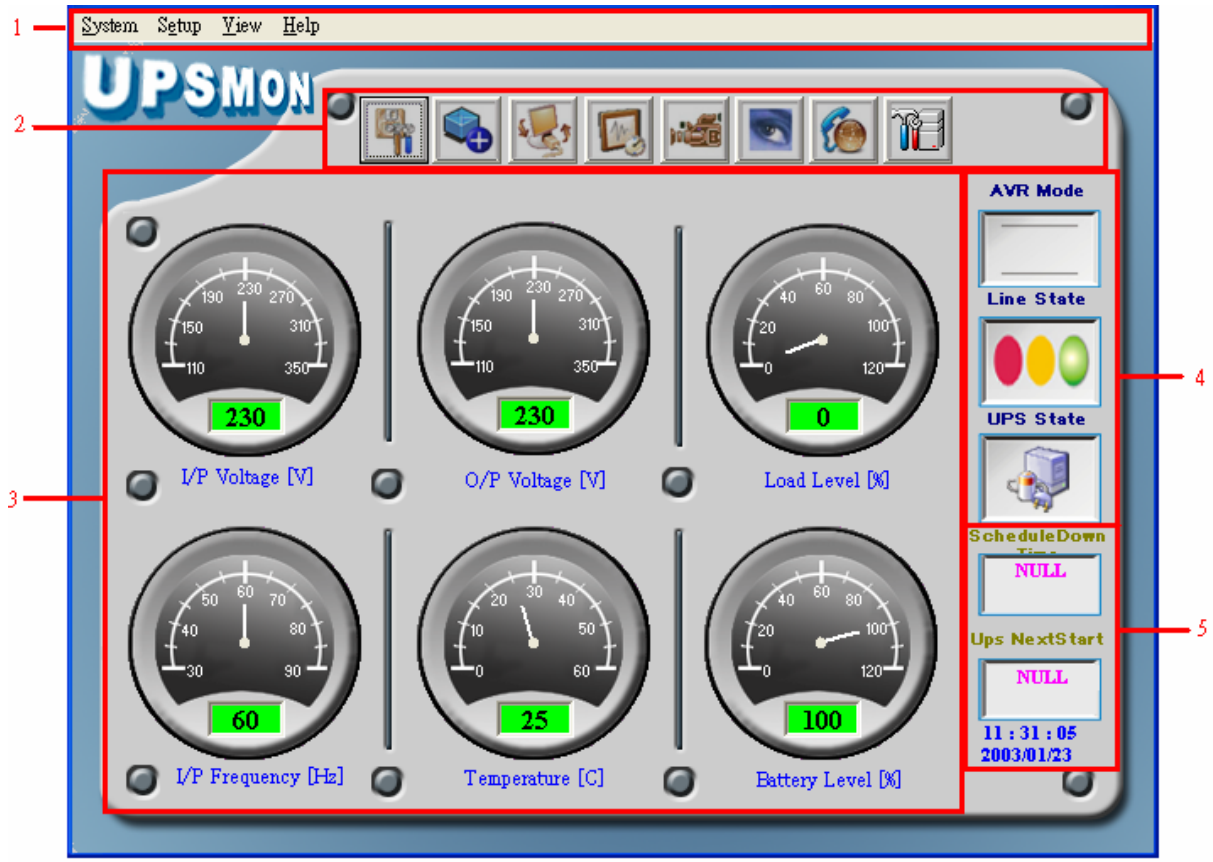
For Version 2.7x

Installation and Setup:

1-1: Operating System: Windows 95, 98, 2000, XP, NT 4.0.
1-2: Ports: RS-232 on COM1, COM2, COM3, COM4 or USB.
1-3: Installation procedure:
a. Plug one end of the supplied cable into the UPS. Plug the other end into one of the computer's COM or USB ports.
b. Insert the installation CD into the CD-ROM drive and then execute Setup.exe to initiate the installation of the software. The CD is no longer necessary once the installation procedure has been completed.

Description of the Main Screen Functions

Main page: This is the main monitoring window of the software.

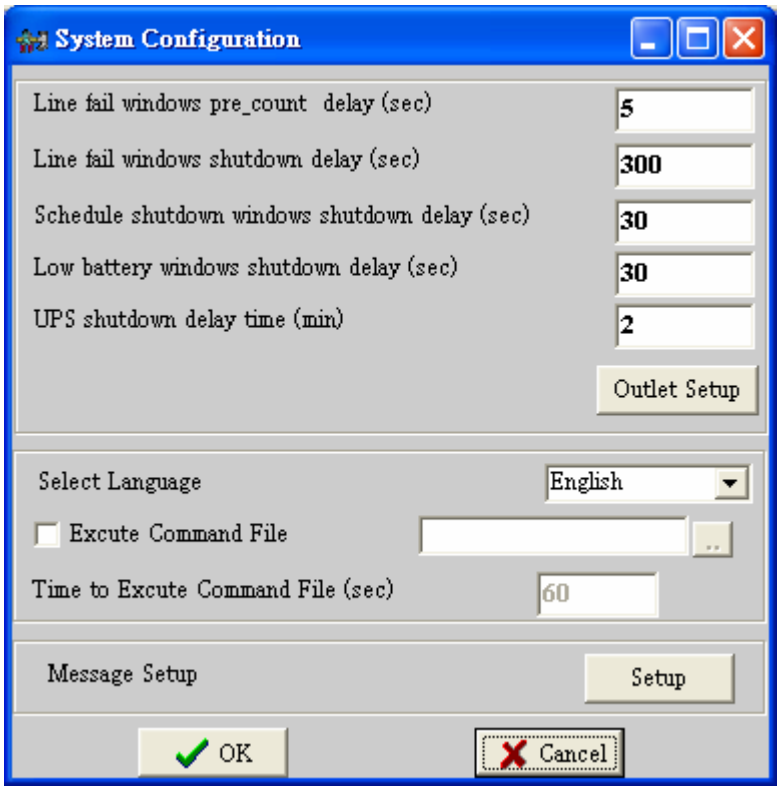


1: Main menu:

1-1. File:

a. System Configuration: The UPS can be setup to shutdown under different conditions:

1. “Countdown delay time before shutdown during a power failure”: Upon power failure, there will be a delay before displaying the final countdown window.
2. “Final countdown during a power failure”: After the delay to final countdown, the software will show an alarm before shutting down when a power failure occurs. If the utility power returns during this period, the software will do nothing. If the countdown is completed before utility power returns, the software will instruct the operating system to shut down and save all unsaved files.
3. “Countdown to shutdown by program”: The time for a selected program to shutdown the unit.
4. “Countdown during low battery alarm”: The time to low battery alarm in the UPS (should not be too long).
5. “UPS shutdown time”: The time until the UPS itself shuts down completely.
6. “Execute Command File”: This allows the user to enter an executable file to implement a specific command.

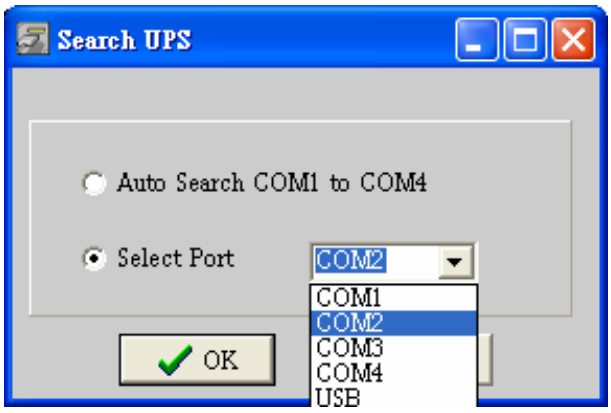


b. Self Test: Initiates a manual test of the UPS

1-2. Setup:

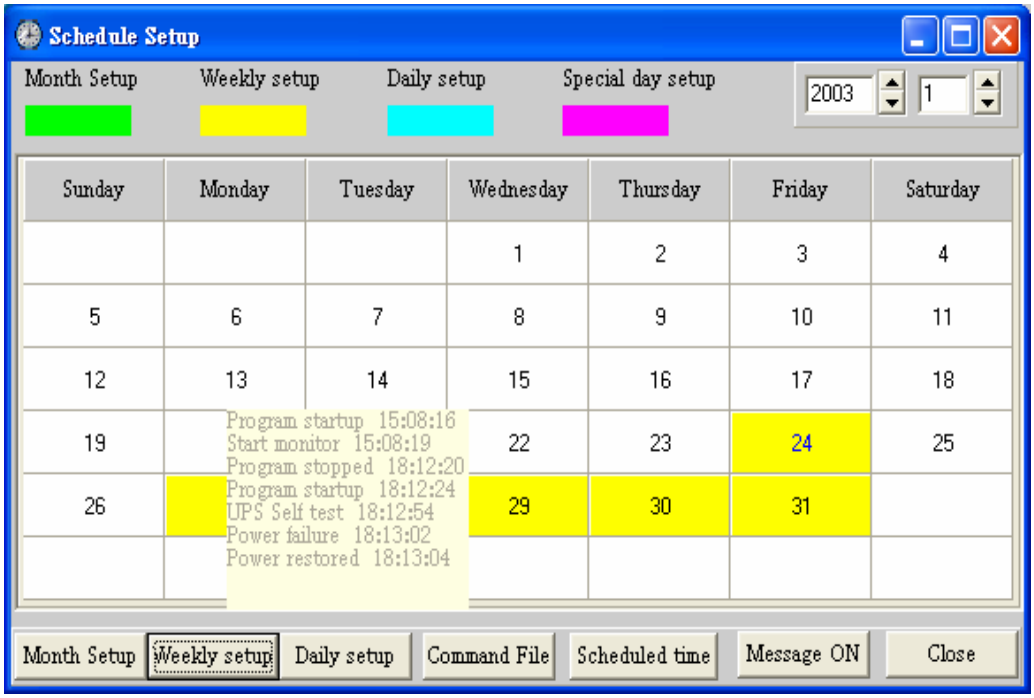
a. Communication port:

Select the COM or USB port to which the UPS will be connected.



b. Scheduling actions:

i. Schedule Setup:



1. A calendar format is used to display the schedule list, actions and events.

2. The schedule can be set by month, week or day. Click on the appropriate button at the bottom of the page to select each one. (A new window opens allowing the user to select from various possible actions and the time at which each will take place. (See “ii. Weekly setup” below for example))

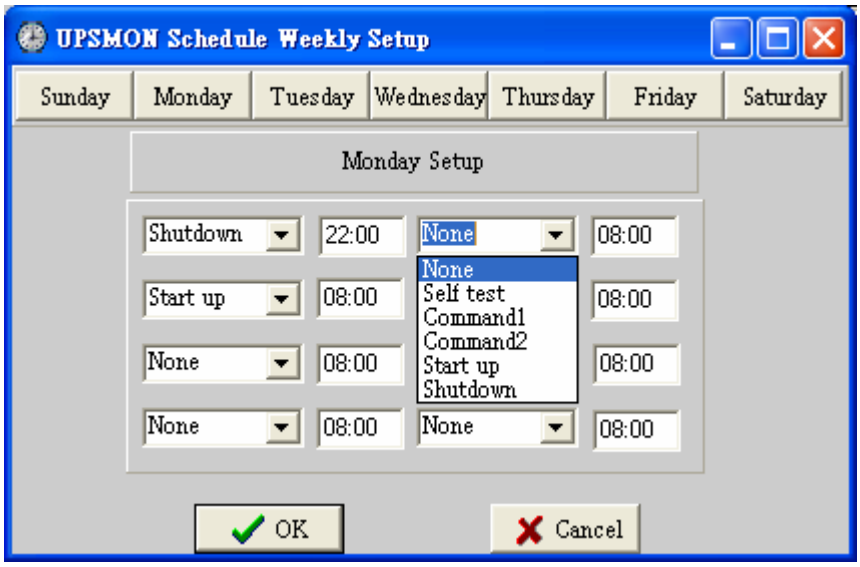
3. Click “Message ON” at the bottom of the page to activate the calendar view feature. Moving the mouse over any particular day will bring up the schedule for that day (shown as a memo).

4. Click “Schedule time” at the bottom of the page to display time settings for each available action.

5. Click “Command File” at the bottom of the page to enter to enter up to 2 external command files which will be executed if that option is selected from the drop-down menu in the monthly, weekly or daily setup window.

ii. Monthly, Weekly or Daily setup:

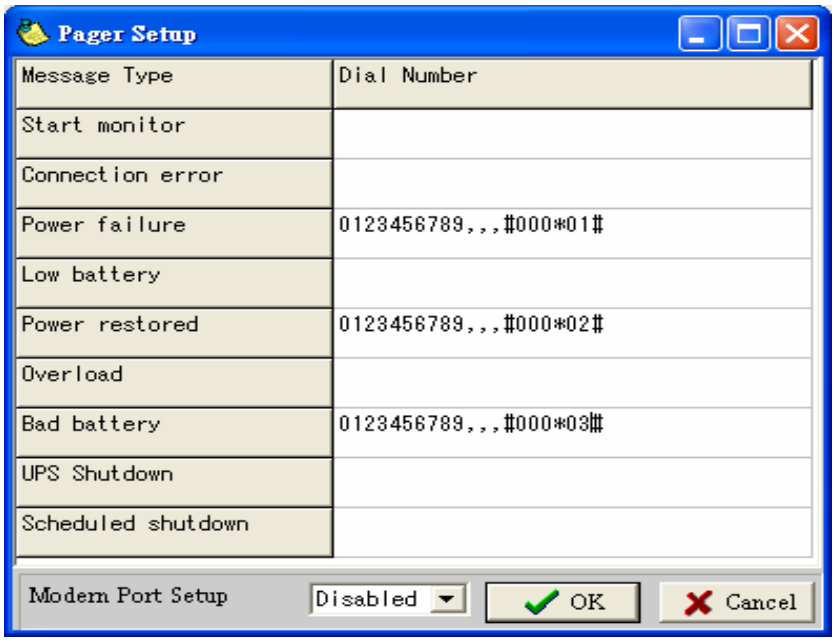
The following window will appear when the user selects the schedule setup at the bottom of the page (Weekly window shown in the example below):



1. This window allows the user to select from various possible actions and the time at which each will take place. Up to eight actions can be set.
2. If the time is set outside of the acceptable range, (00:00- 23:59), the numbers will turn red indicating an error and the time/s will not be saved.

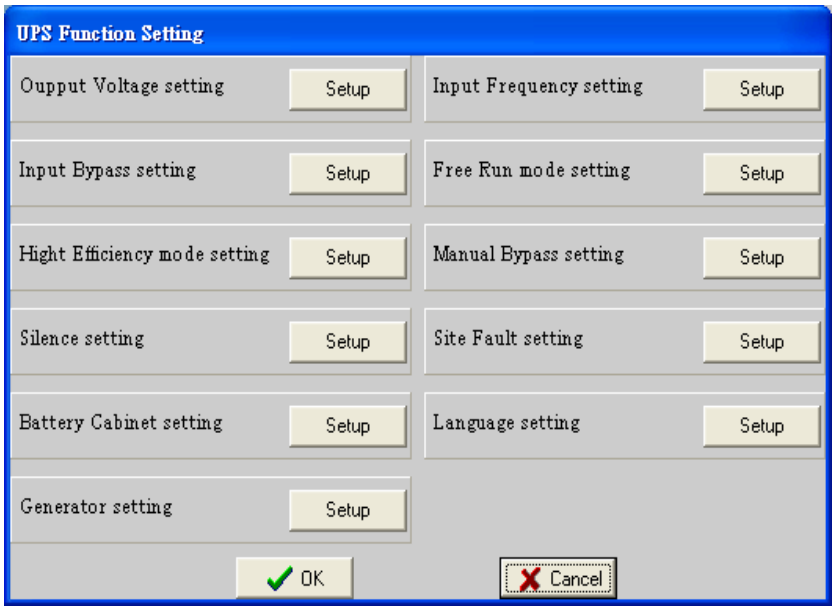
c. Call Pager Setup:

Allows a pager number to be assigned and dialed in case of an event, along with the delay time before calling, and the message to be displayed on the pager.

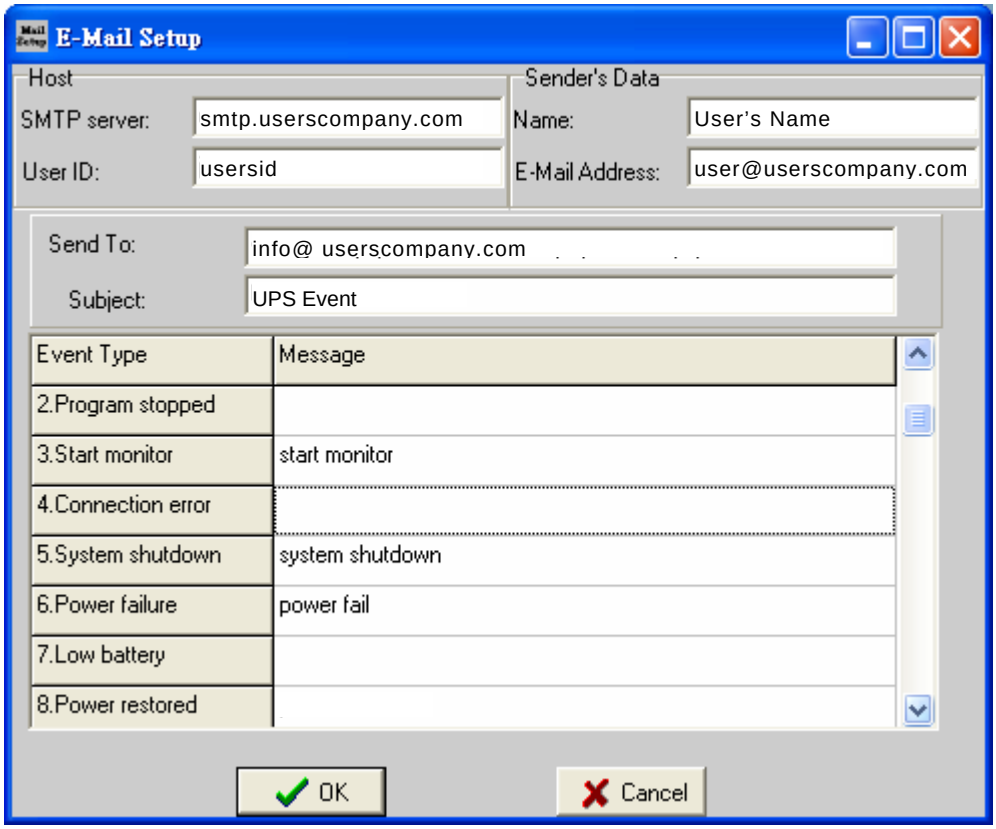


1. <0123456789> Pager number to be dialed.
2. <,,,> Modem is instructed to wait for 6 seconds (By default, each comma represents a two-second delay. The delay time can be changed).
3. <#000*01#> Message to be displayed. This setting can be customized.

d. UPS Setup (Only some models offer this function):

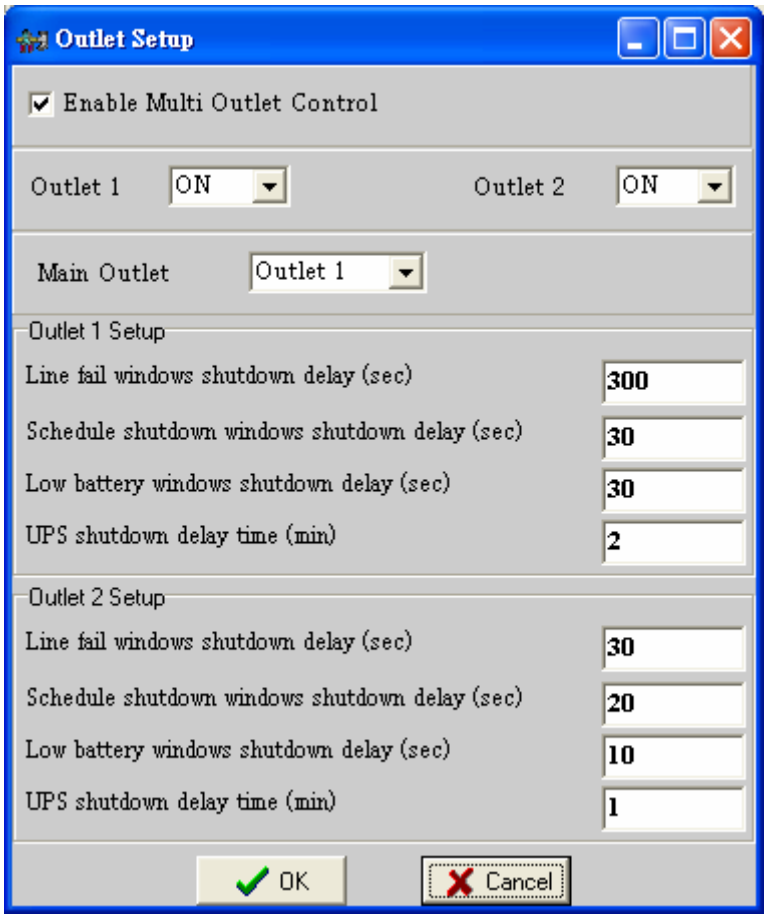


e. E-Mail Setup:



1. SMTP Server: Enter the mail server address and the user's ID.
2. Sender's Data: Enter the sender's name and mailbox address.
3. Send To: Enter recipients e-mail address/s. Separate with semi-colons.
4. Subject: Enter any appropriate subject title that will be sent.
5. Event Type: Enter a message of your choice for each type of event.

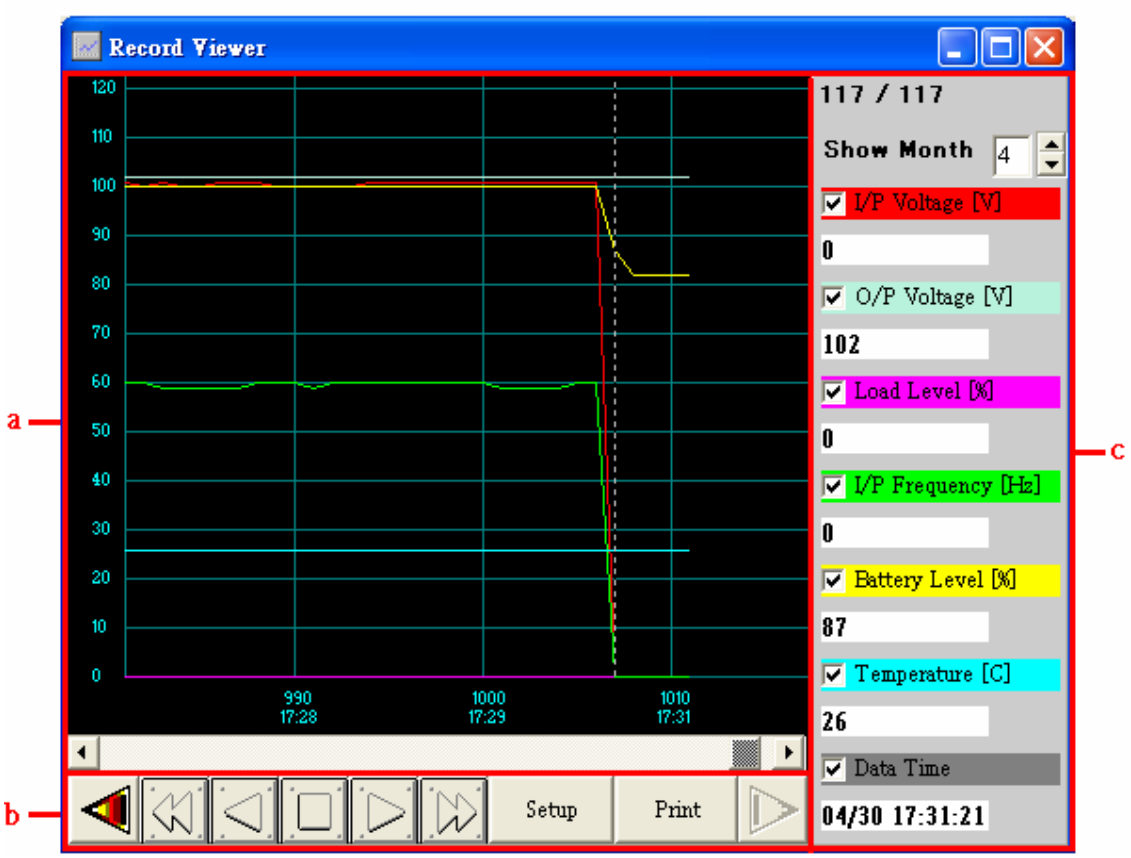
f. Outlet Setup (Only some models offer this function).



1. “Enable Multi Outlet Control”: Check the box to enable the multi outlet control feature.
2. “Outlet 1 and 2”: Toggle either ON/OFF to enable. (Perform this while the connected equipment is turned OFF).
3. “Main Outlet”: The selects the primary outlet set to the load.
4. “Outlet 1 Setup” and “Outlet 2 Setup”: Configured as in section 1-1, they will function independently.

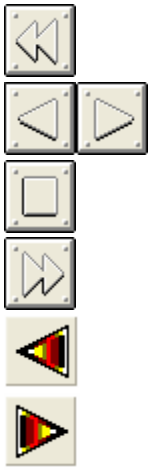
1-3.View:

a. Recorder:



a. Data in chart form: Indicates the information using a line graph.

b. Toolbar:



1. Go back to the data on the first screen
2. Play/Reverse at normal speed
3. Stop
4. Play at increased speed
5. Check previous page
6. Check next page
7. Print - Choose the setting and select the print range.

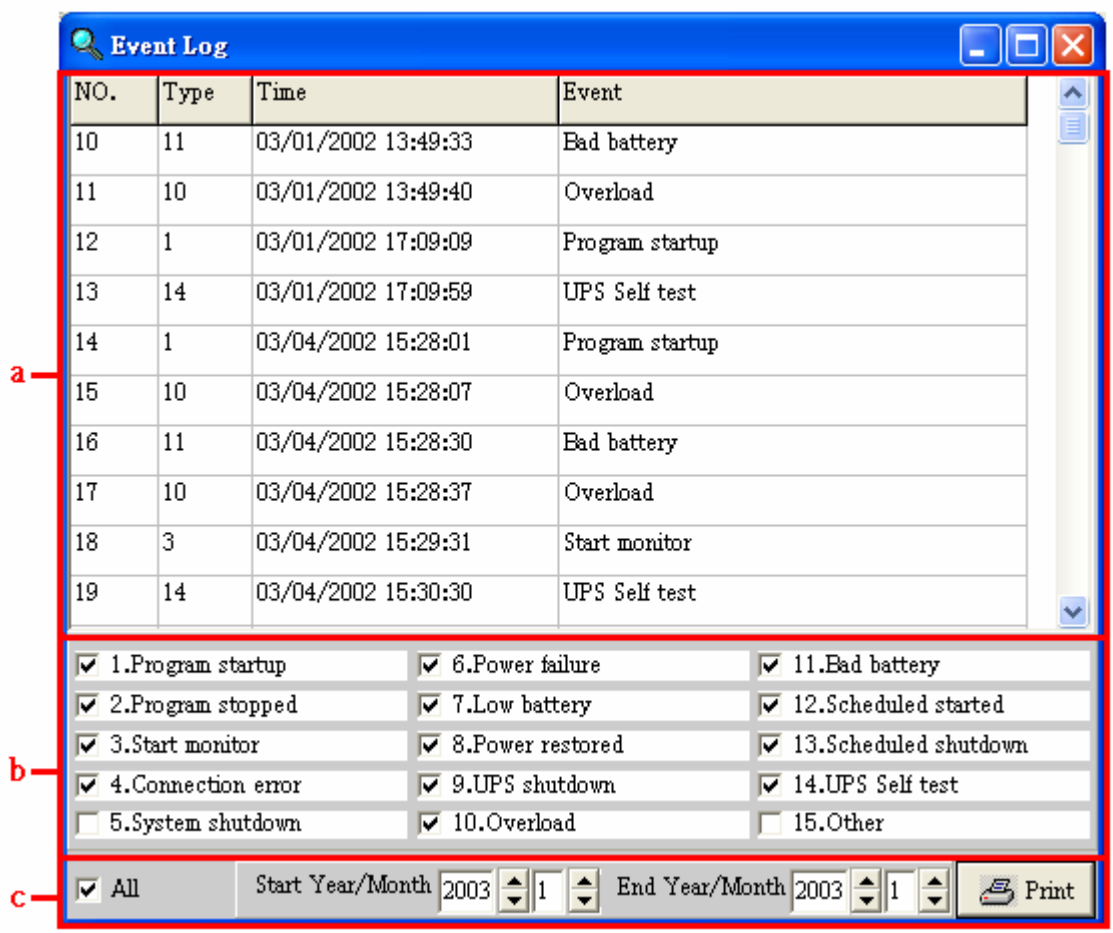
c. i. Time Interval: This indicates the time between two sets of data and can be set up in the system configuration page.

ii. Total Data: Shows the number of recorded data 'sets'. Maximum number of sets is 3000. Sets above this are displayed on the next page.

d. Actual values can be viewed or removed by clicking on the checked squares and the information will be displayed on the screen.

e. Grid Setup: Each grid size is adjustable by moving the scroll bar.

b. Event recorder:



a. Information Columns: All events and their time of occurrence are listed in sequence.

b. Information Options: Select which event information is displayed in the information columns.

c. Display all events or only those within a certain period.

2. Toolbar:

1. System Configuration:

2. UPS Self-test:

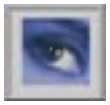
3. Communication Port Setup:

4. Scheduled Action Setup:

5. Call Pager Setup:

5. Event Recorder:

6. Event Viewer (Log):



3. Meter:

Displays the Input Voltage, Output Voltage, Load Level, Input Frequency, Temperature and the Battery Level in meter form.

4. UPS status

4-1. Automatic Voltage Regulator mode: Displays the current AVR mode.

a. Normal

b. AVR

b. AVR-Boost

c. AVR-Buck

4-2. Line status: Indicates the current state of the power source.

a. Normal

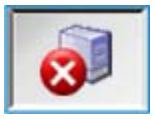
b. Line failure

c. Battery low

4-3. UPS status: Indicates the current state of the UPS.

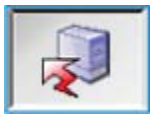
a. Normal

b. UPS fault



c. Battery fault

d. Over load



e. UPS test

f. UPS off

5. On/Off Time:

Use the ‘scheduled shutdown’ procedure (1-2.b) to schedule the next shutdown and startup time for the UPS or use the menu to view the current setup.