



*Experts in Power Conversion*

# **UPS Monitoring Software EMILY2**

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## **USER MANUAL**

Emily2 for Microsoft Windows 2000, Microsoft Windows XP, Microsoft Windows Server 2003, Microsoft Windows VISTA, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows Server 2008 R2, Microsoft Windows Server 2012, Microsoft Windows 10, Microsoft Windows Server 2016

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# 1. INSTALLATION & SETTINGS

## 1.1 NOTE

- **Operating OS:** Windows 2000 / XP / Server 2003 / Vista / 7 / 8 / Server 2008 R2 / Server 2012 / 10 / Server 2016

- **Other Software Conditions:**

1. MDAC 2.8. (windows 2000 Only)

[www.microsoft.com/downloads/details.aspx?familyid=6C050FE3-C795-4B7D-B037-185D0506396C&displaylang=en](http://www.microsoft.com/downloads/details.aspx?familyid=6C050FE3-C795-4B7D-B037-185D0506396C&displaylang=en)

2. For Windows Installer 3.0 and above.

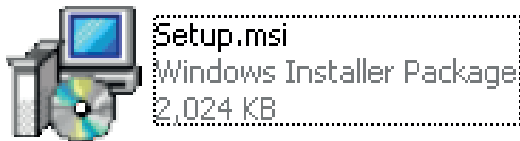
3. For Framework 2.0 and above.

- **Peripherals:** Use either a serial port or USB.

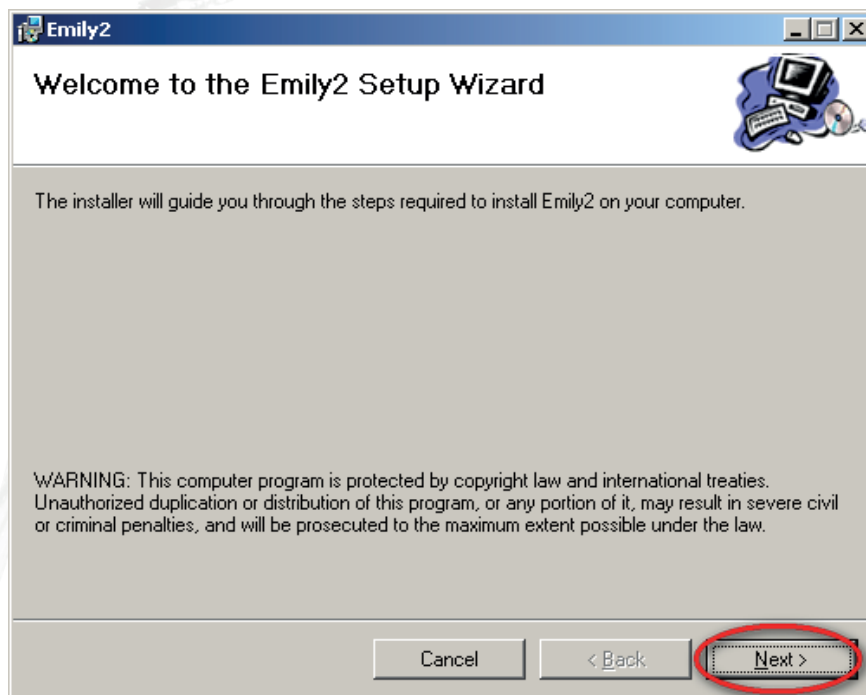
## 1.2 INSTALLATION INSTRUCTIONS

1.2.1 Please login as an Administrator

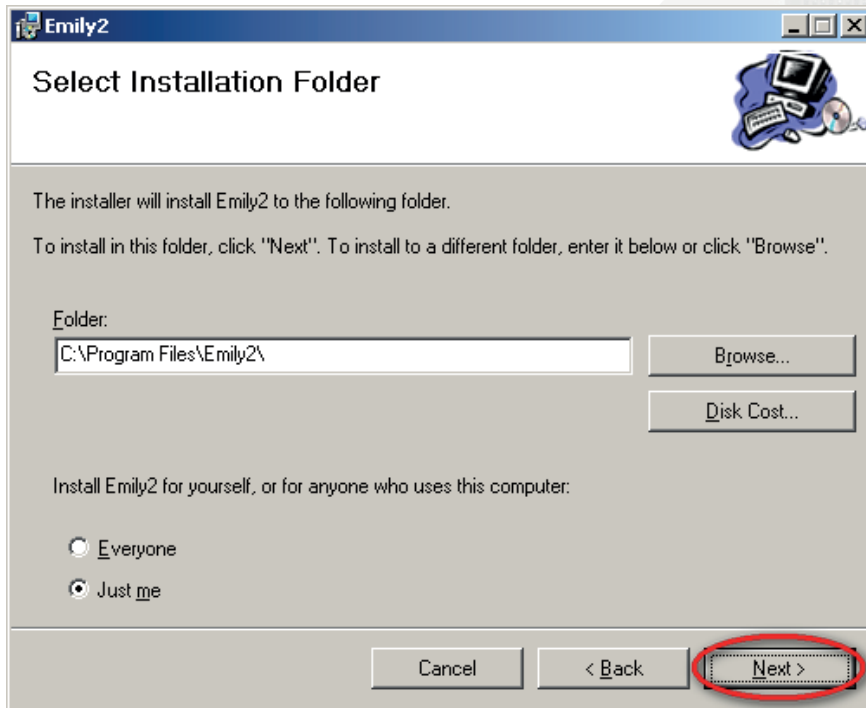
1.2.2 Double click to execute "Setup"



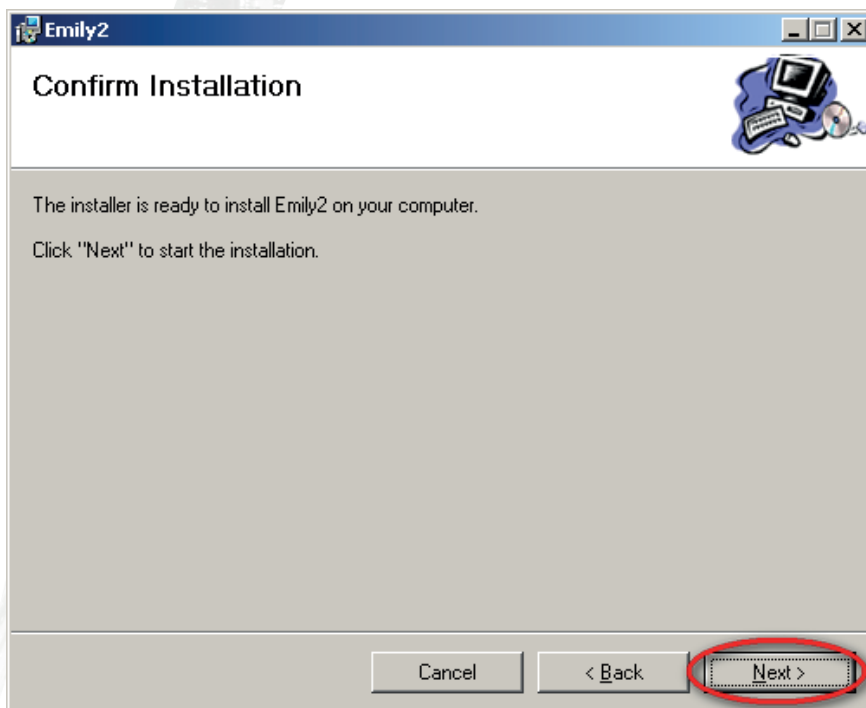
1.2.3 Click "Next" to next step



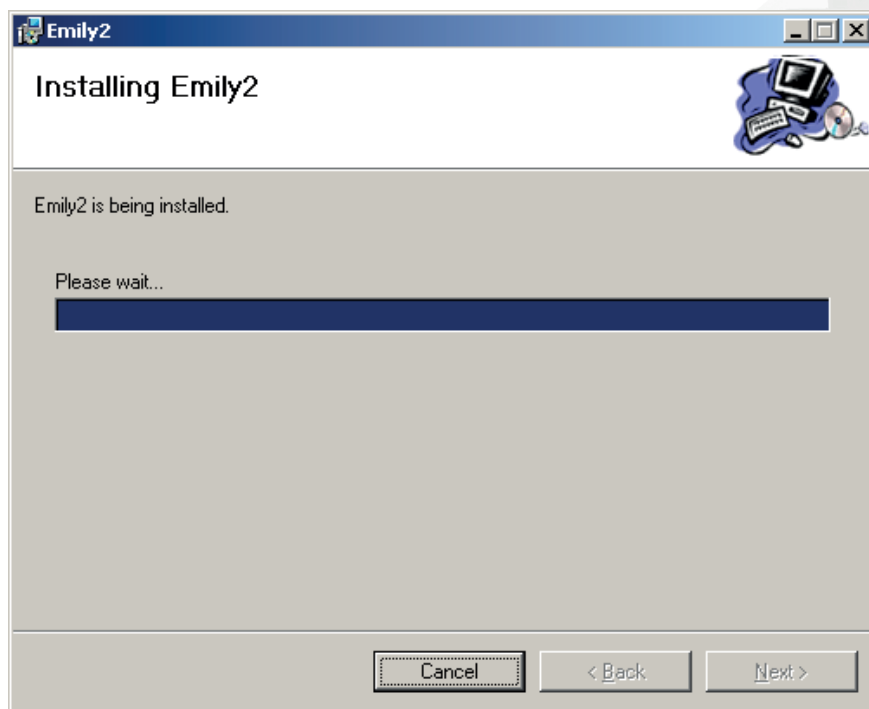
**1.2.4** Enter "Select Installation Folder" to select the desire location for Emily program. (Default: C:\Program Files\Emily2.) Choose the user (yourself or anyone) who uses this software. Click "Next" to next step.



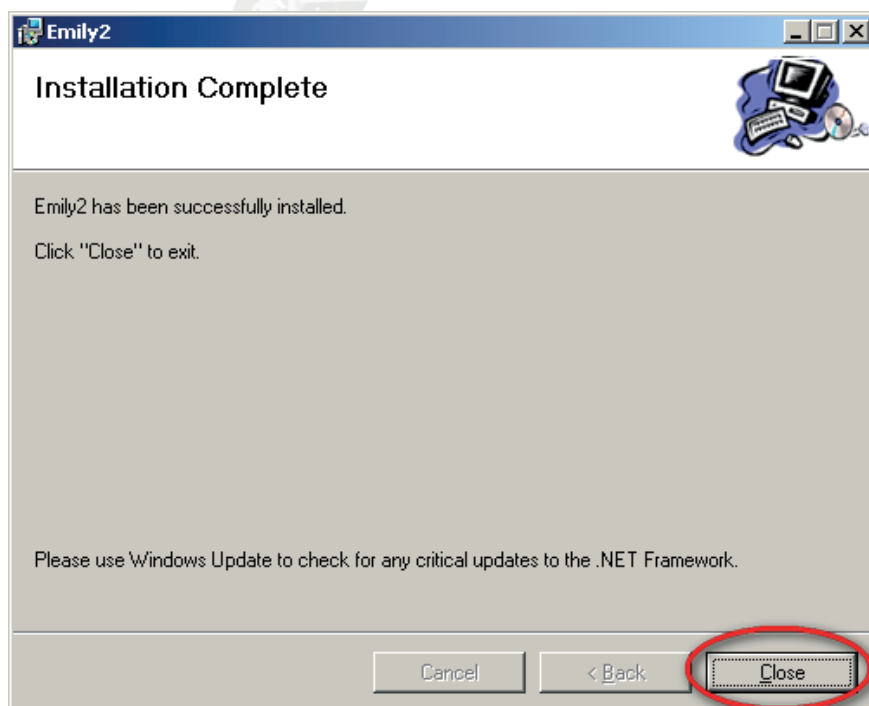
**1.2.5** Enter "Confirm Installation" to ensure the completed installation of Emily2. Click "Next" to next step.



## 1.2.6 Installing Emily2 program.



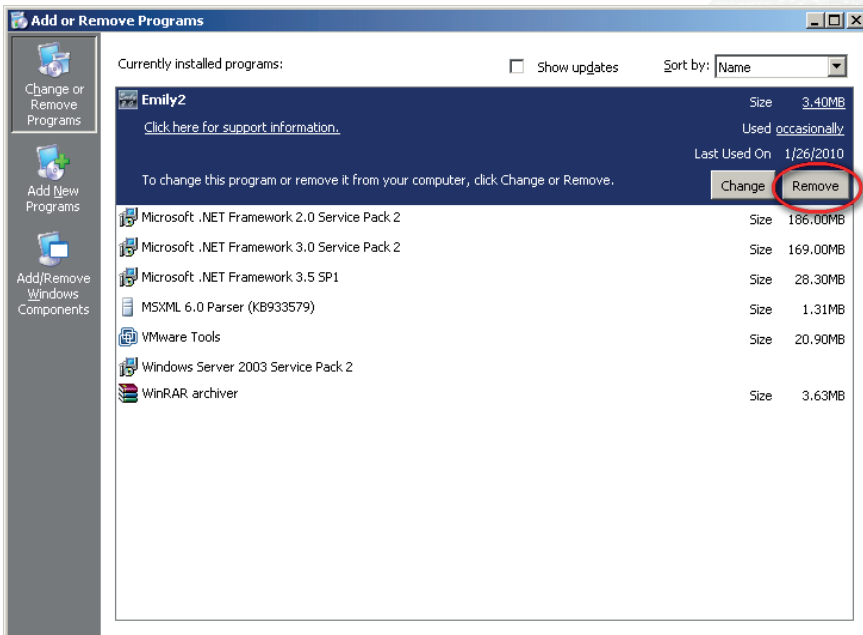
## 1.2.7 Click "Close" to end the installation.



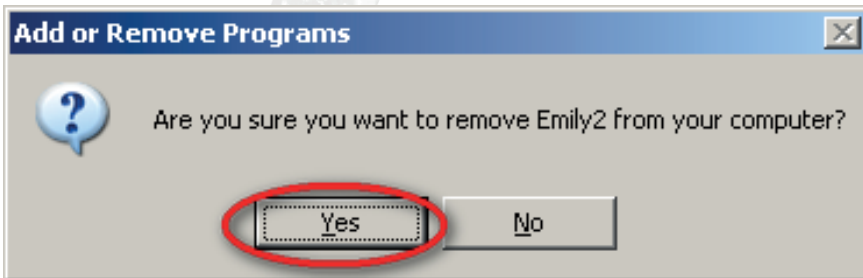
## 1.3 Instructions on Removing Emily2 Program

**Step1.** Go to Windows Control Panel and select "Add or Remove Programs"

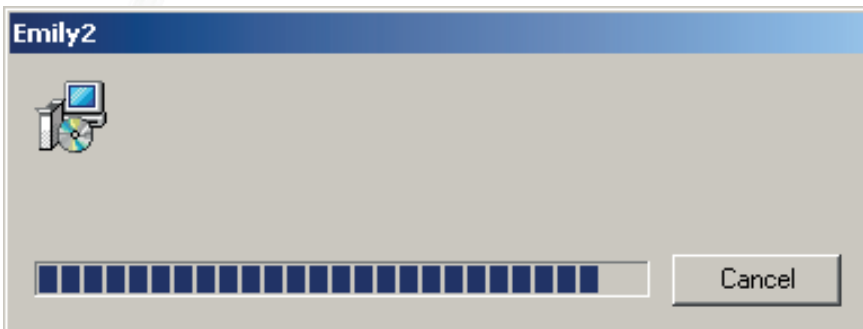
**Step2.** Select "Emily2" and click "Remove"



**Step3.** In the page shown below, click "Yes" to confirm removal of the Emily2 or click "No" to cancel the removal



**Step4.** When the progress bar run to finish, It's complete the removal. Emily2 Icon will disappear in the "Add or Remove Programs" page



# 2. FUNCTION DESCRIPTIONS

Emily2 program is user-friendly UPS monitoring software which reveals the status of the UPS via USB or RS232 for up to 4 parallel units. It provides easy to read real time metering of important UPS parameters such as input/output voltage, frequency, UPS temperature, loads & battery capacity. These UPS parameters & status information are recorded and presented in both graphically and numerically.

The "Schedule" function of Emily2 allows user to preset various UPS commands to perform repetition of tasks automatically. In event of Power outage or abnormality, Emily program is capable of automatically informing user via SMS & email instantly and closes application software. The following chapters will provides detailed descriptions of these superior features of Emily2 program.

## 2.1 Real-Time Information Monitoring Display

The screenshot displays the Emily2 software interface. At the top, a menu bar includes 'Control', 'Setting', 'Data Bank', 'Schedules', 'Oscillograph', and 'About'. Below the menu is a table labeled 'A. Tools Field' with the following data:

Machine Name	Input Voltage	Output Voltage	Input Frequency	Battery Capacity
Machine 1	115 (V)	113 (V)	60 (Hz)	100 (%)

Below the table is a section labeled 'B. Parallel Unit Information'. The main area is titled 'C. Real Time Information' and features a 'Power Flow Meter' section with a diagram showing 'LINE - UPS - LOAD'. The diagram includes a battery icon and a switch icon. The following data is displayed:

- Input Frequency: 60 Hz
- Input Voltage: 115 V
- Output Voltage: 113 V
- UPS Load: 0 %
- Battery Capacity: 100 %
- Temperature: 32.0 °C / 89.6 °F

On the right side, there are two information panels:

- C1. Rating Information:** Rated Voltage: 110 V, Rated Current: 9 A, Battery Voltage: 36 V, Frequency: 60 Hz.
- C2. Machine Information:** Manufacturer: [empty], UPS Model: UPS3000, Firmware Version: MP00164Q.

## A. Tools Field

FUNCTION	DESCRIPTIONS	REMARKS
<b>Control</b>	This function include: Self Test, UPS Shutdown. In this function, you can send command to unit in this time.	
<b>Setting</b>	There are 3 parts in this item: "General Setting", "SMS Setting", And "Email Setting". 1. "General Setting": setting of Communications, Multi language, Setting of Shutdown. 2. "SMS Setting": SMS alert function set up. 3. "E-mail Setting": E-mail alert function set up.	
<b>Data Base</b>	There are 2 parts in this item: "Event Log" And "Data Log". 1. "Event Log": Provides a list of records of events, command entries, alarms, etc. 2. "Data Log": Stores the UPS operating parameters monitored & recorded by the Emily2.	
<b>Schedules</b>	Provides scheduling of to-do events and commands.	
<b>Oscillograph</b>	Graphical overall of the recorded UPS parameters data.	
<b>About</b>	Record the version number and proprietor name of the Emily2.	

## B. Parallel Unit Information

Provides input/output voltage, frequency, loads of UPS parameters for up to 4 parallel units at the same time

## C. Real Time Information

When you select unit in Parallel Unit Information zone, the details of UPS parameters will show on this zone. This zone includes: "Icon page", "Value page", "Rating Information", and "Machine Information"

### C1. Rating Information

Provides rating information of the connected UPS such as Rating Voltage, Rating current, Battery Voltage, and Frequency





### C2. Machine Information

Provides machine information of the connected UPS such as Manufacturer, UPS Model and Firmware Version



# Power Flow Page

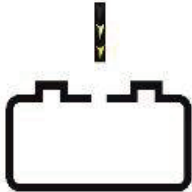
Power Flow
Meter
Machine 1

Input Frequency:  Hz

Input Voltage:  V

**LINE — UPS — LOAD**



Temperature:  °C  °F

Output Voltage:  V

UPS Load:  %

Battery Capacity:  %

**Rating Information**

Rated Voltage:  V

Rated Current:  A

Battery Voltage:  V

Frequency:  Hz

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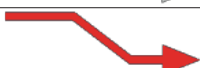


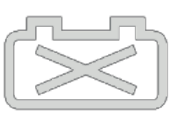

**Machine Information**





Manufacturer:

UPS Model:

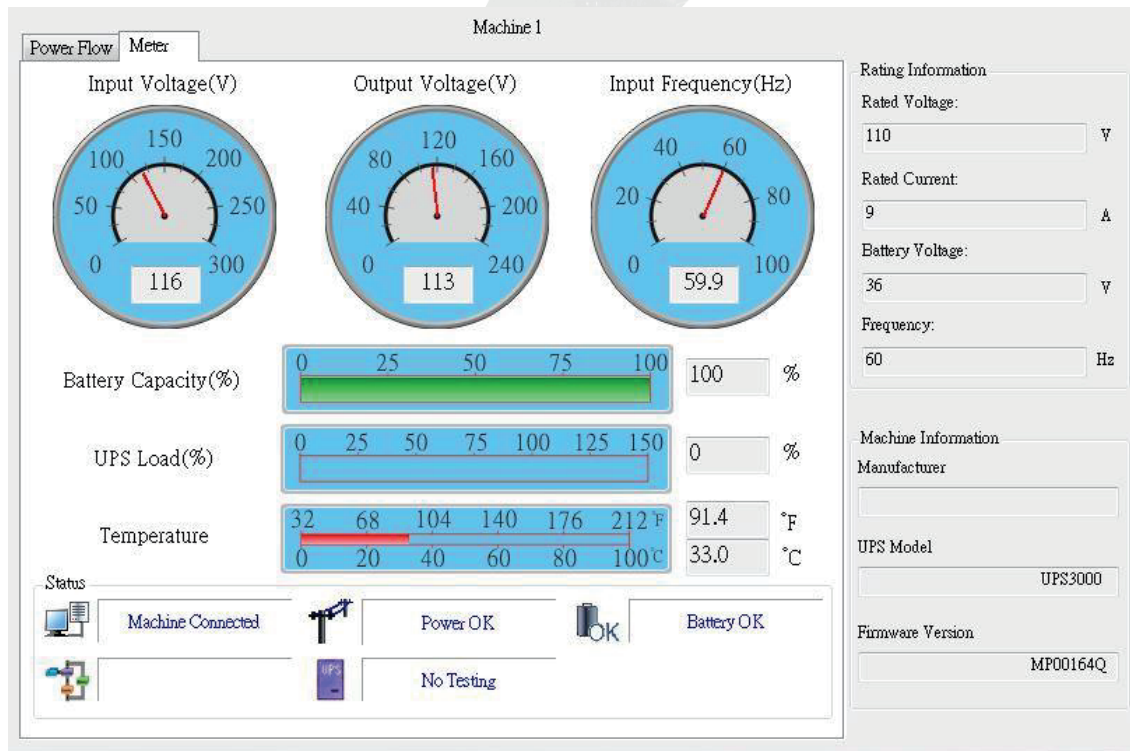
Firmware Version:

## Symbols Description



STATE	SYMBOLS	DESCRIPTION	REMARKS
Boost		Non-Boost	
		Boost	
Buck		Non-Buck	
		Buck	
Over Load		Non-Over Load	
		Over Load	
Battery State		Non-Battery Disconnect	
		Battery Disconnect	

STATE	SYMBOLS	DESCRIPTION	REMARKS
Battery State		Battery OK	
		Battery Low	
By Pass		Non-By Pass	
		By Pass	

## Meter Page

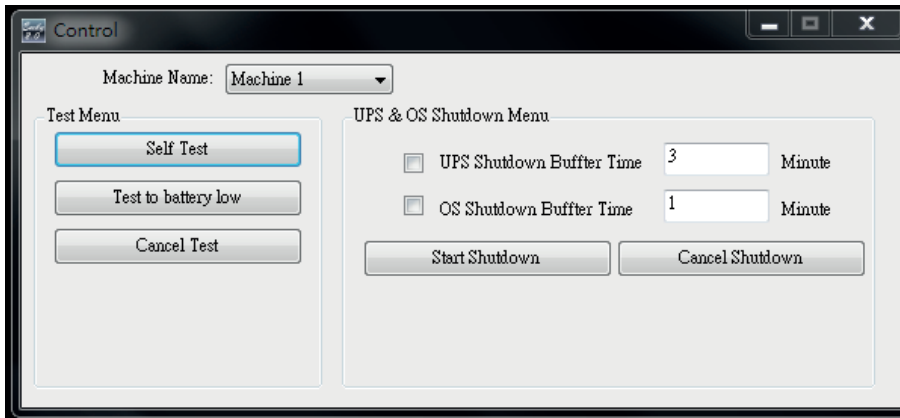


## Symbols Description

STATE	SYMBOLS	DESCRIPTION	REMARKS
Connection State		UPS connected. This symbol represent when the UPS is successfully connect to the Computer	
		UPS disconnected. The connection between the UPS & the Computer is disrupted	

STATE	SYMBOLS	DESCRIPTION	REMARKS
Power State		Power Supply OK	
		Power Failure. The utility supply is absent or abnormal conditions	
UPS Battery State		Battery Level OK	
		Battery Low. The UPS battery is near to end of discharge or is at low power level. (2 icon swap)	
			
		UPS Battery Failed	
UPS Models		ON LINE Model	
		OFF LINE Model	
Test State		UPS No Testing	
		UPS Testing	
By Pass		By Pass Mode (2 icon swap)	
			

## 2.2 CONTROL

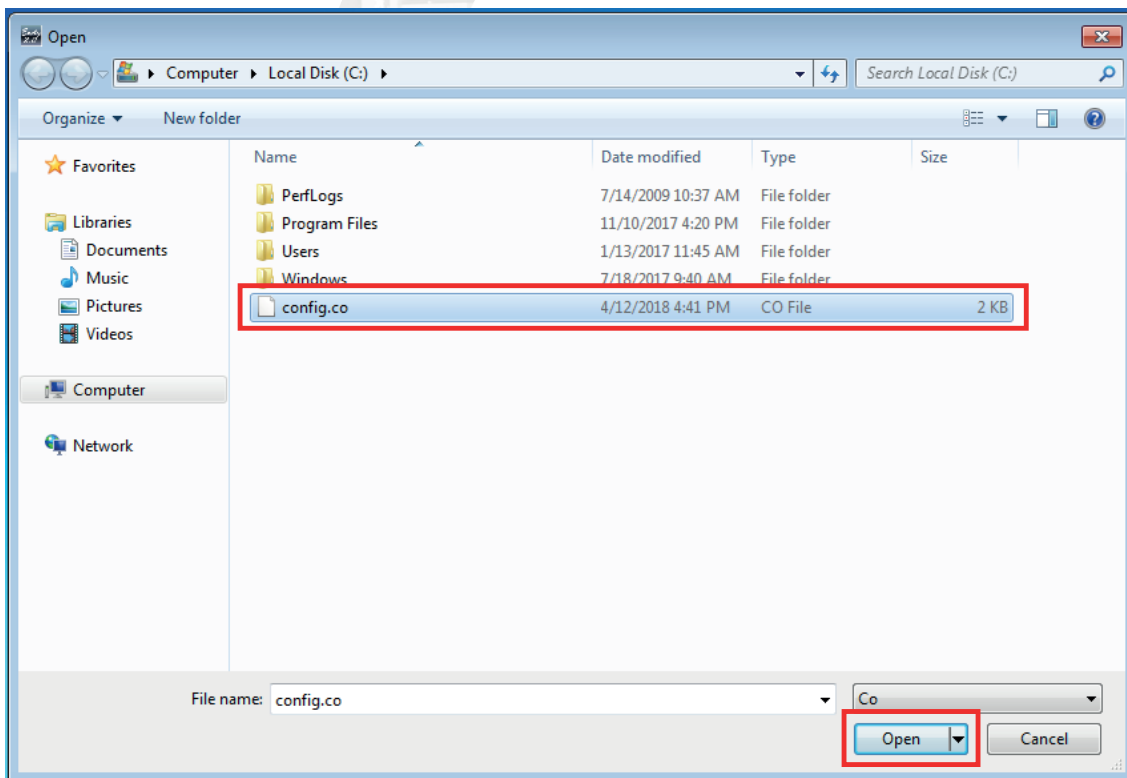


Provides command to UPS for self-test, battery discharge test, stop test, shut-down, stop shut-down and OS for shut-down, stop shut-down.

## 2.3 IMPORT/EXPORT SETTING

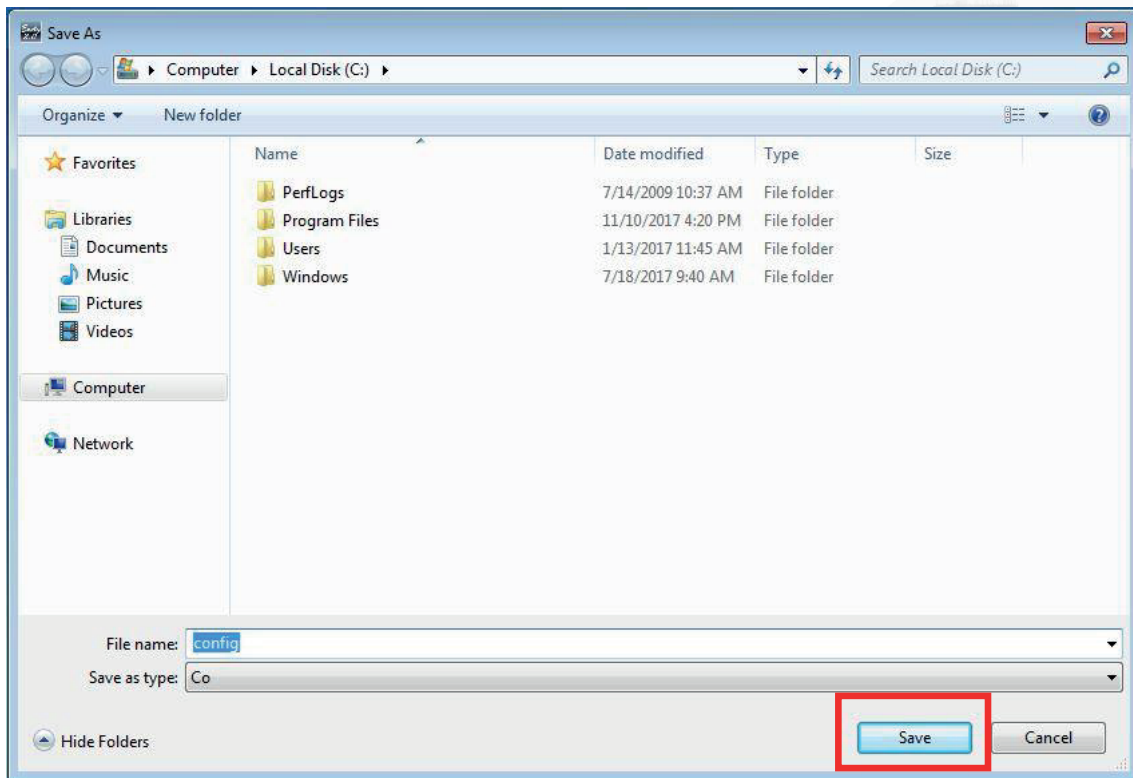
### 2.3.1 Import Setting

Select the Setting file which you want to Import.  
Click "Open" to Import the Setting.



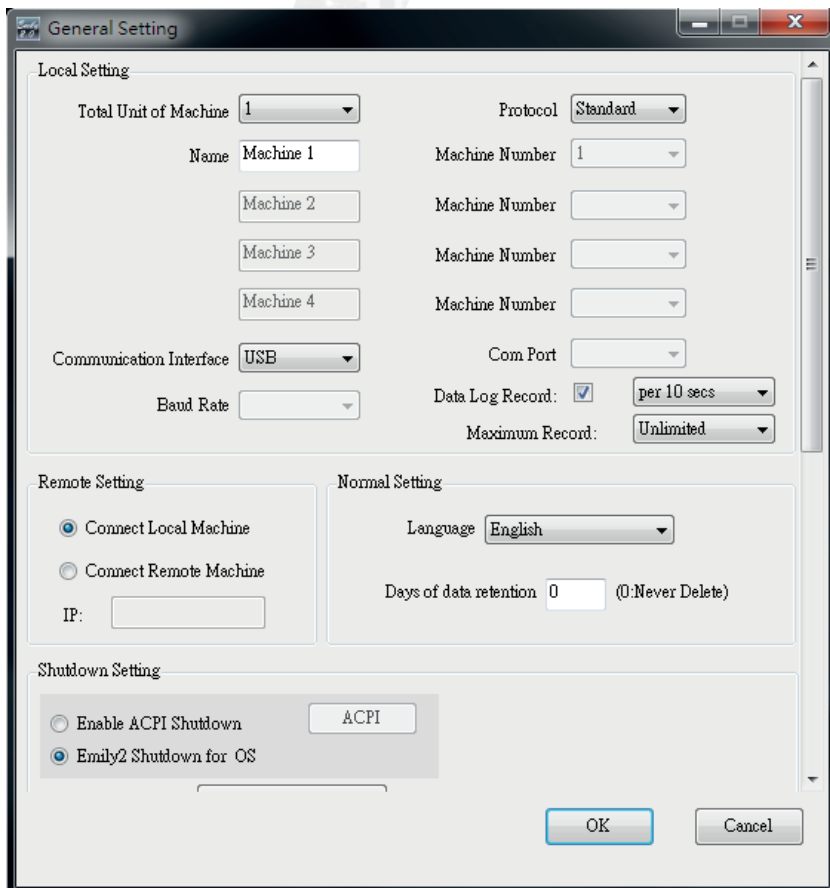
## 2.3.2 Export Setting

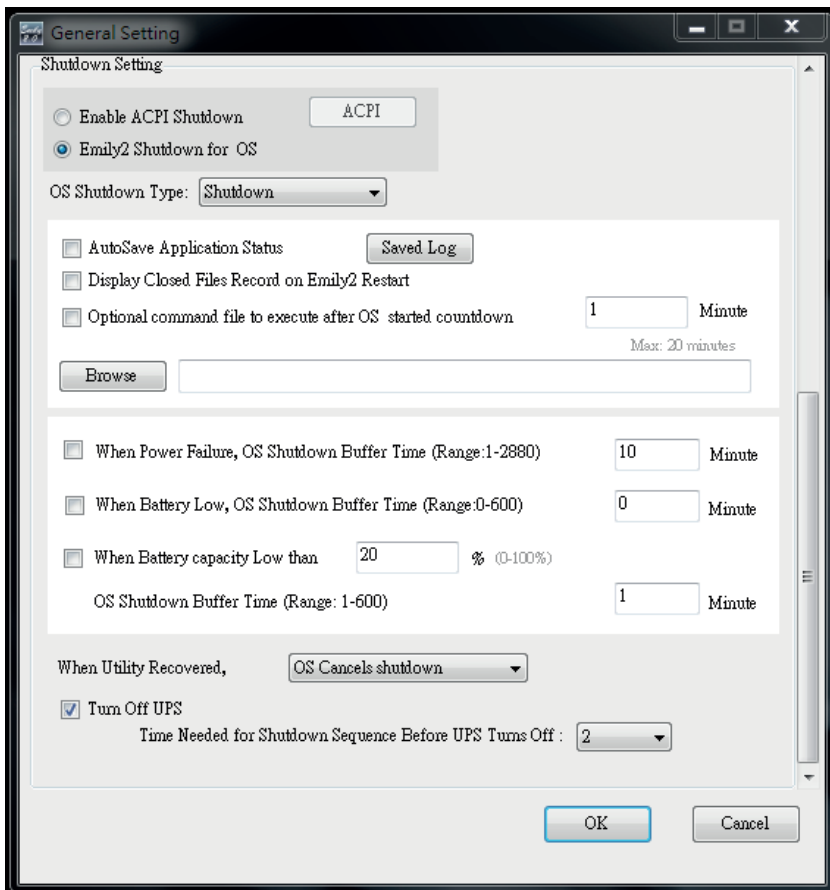
Select Export Folder and click "Save" to save this Setting.



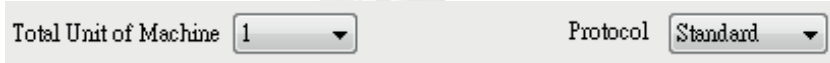
## 2.4 GENERAL SETTING

Allows user to select & set the connecting Com port or Remote, UPS or OS shutdown, etc.

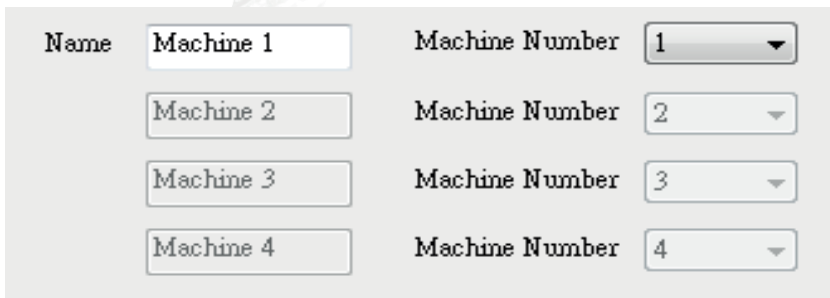




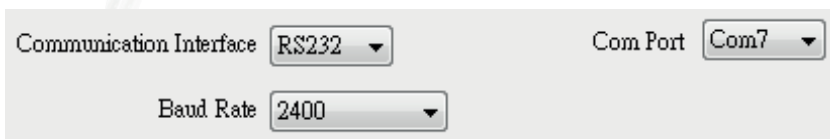
### 2.4.1 Setting amount of unit, and choose the protocol



### 2.4.2 Setting number of unit and unit name which show on the Real Time Information Monitoring Display form



### 2.4.3 Setting Interface and Com Port of connection



## 2.4.4 Data log record setting



Data Log Record:  per 10 secs ▼  
Maximum Record: Unlimited ▼

Select the item to enable the data log record, then set record interval time. And set data storage count of record list.

## 2.4.5 Language Selections



Language English ▼

The Emily2 program provides various major languages for user selection. The initial start up language will be English.

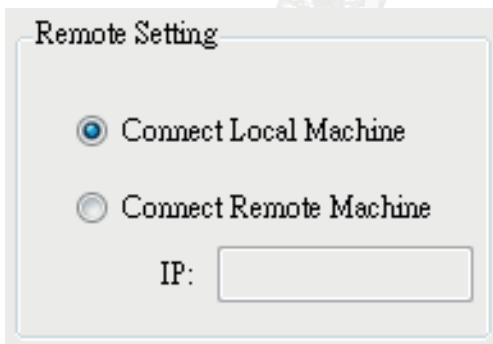
## 2.4.6 Data retention setting



Days of data retention 0 (0:Never Delete)

The period of time user intends to save the data in database. If the value is "0", means data in database never delete.

## 2.4.7 Remote Setting



Remote Setting

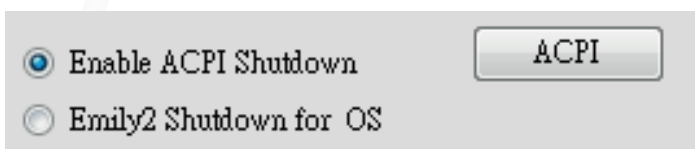
Connect Local Machine  
 Connect Remote Machine

IP:

If you want to remote other computer, please choose "Connect Remote Machine", and insert IP. If choose "Connect Remote Machine", you can't send command, scheduling and Shutdown the UPS, but can Shutdown the computer.

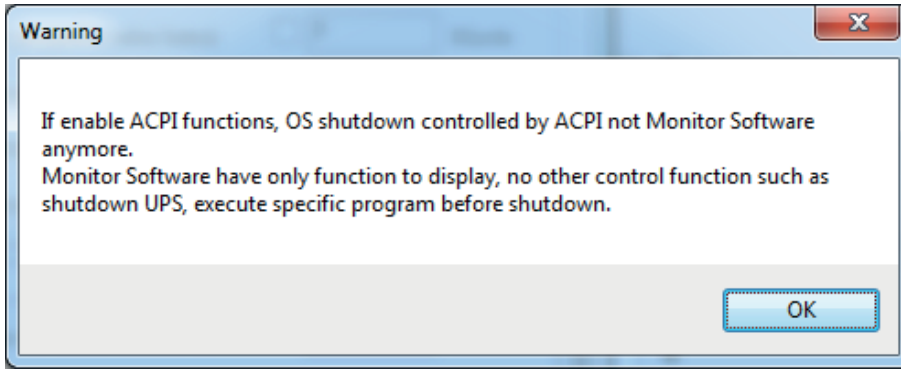
## 2.4.8 Enable ACPI Shutdown

When Enable ACPI Shutdown, all of the Shutdown functions controlled by ACPI.

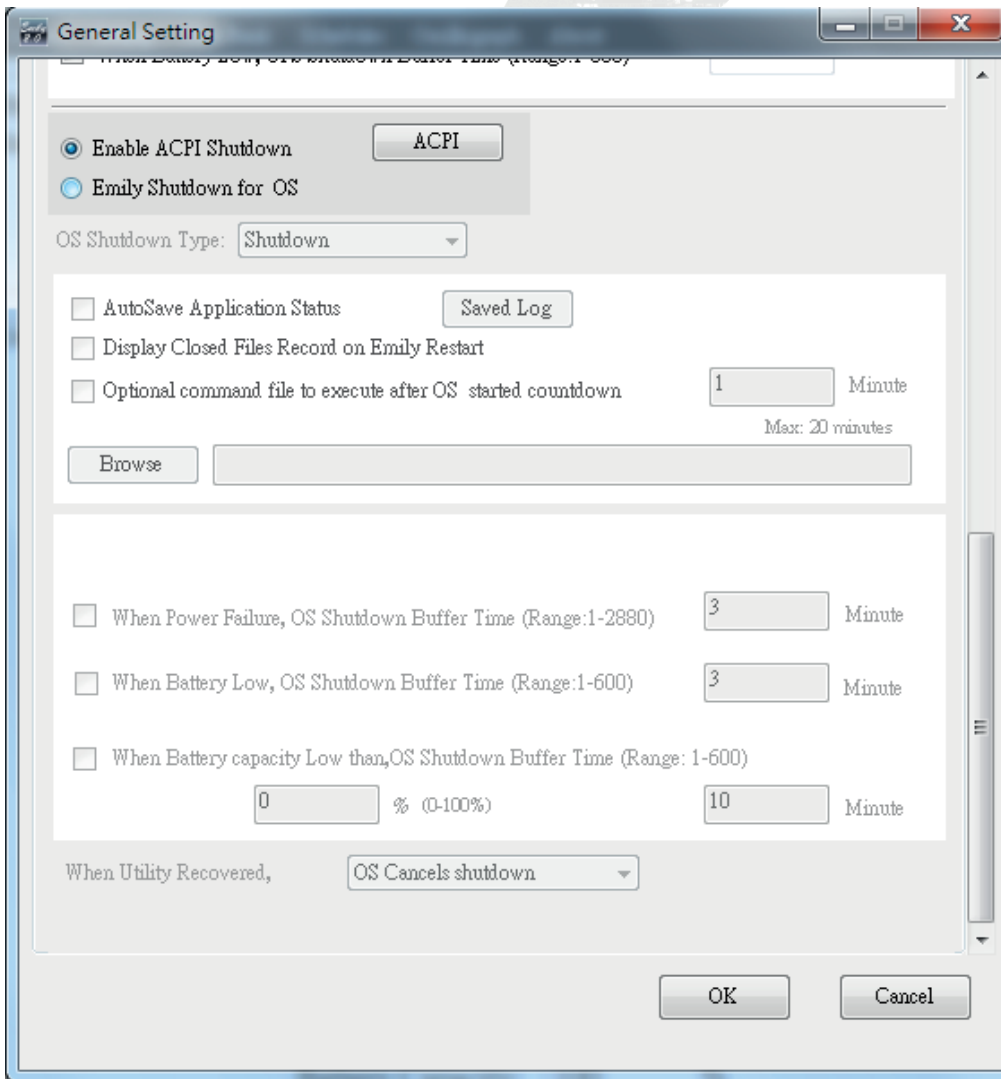


Enable ACPI Shutdown   
 Emily2 Shutdown for OS

## Pop up Warning Message



## Power buffer times arrange





## 2.4.9 Shutdown Type

OS Shutdown Type:

If the shutdown type selects "Hibernate" as OS it's

## 2.4.10 Auto save Application

Provides a function to save program when OS shutdown

- AutoSave Application Status
- Display Closed Files Record on Emily2 Restart

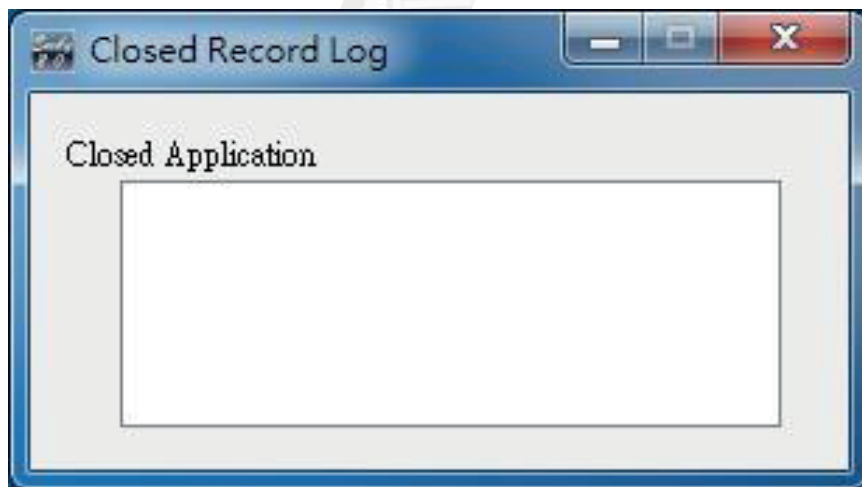
Auto close and save Application Files before OS shutdown.

- AutoSave Application Status

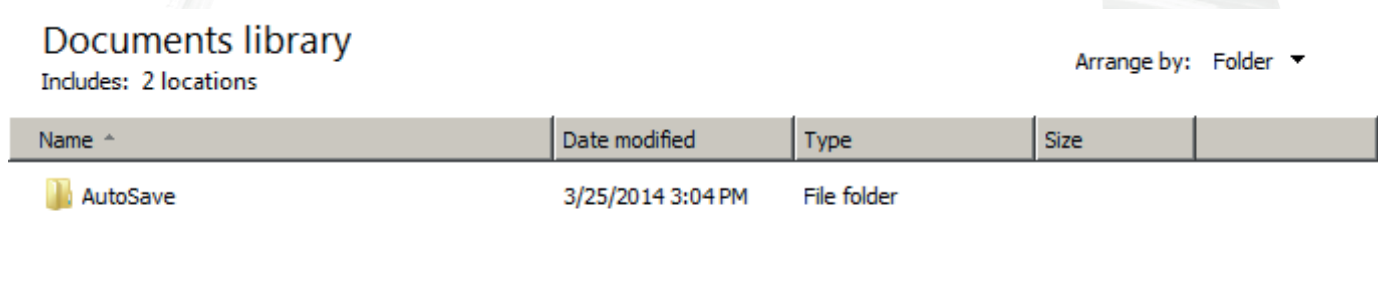
When restart Emily2, Pop up the list of Closed Files.

- Display Closed Files Record on Emily2 Restart

## "Record Log"



Save AutoSave Directory under My Document.



**2.4.11** Optional command file to execute after OS started countdown. Select a desire time to execute specific file automatically after OS started Shutdown. 20 min at Max.

Optional command file to execute after OS started countdown  Minute  
Max: 20 minutes

### 2.4.12 When Power Failure, OS Shutdown Buffer Time

When Power Failure, OS Shutdown Buffer Time (Range:1-2880)  Minute

Select a sufficient time for the computer OS to automatically shutdown when a power outage occurred. The selectable time is from 1 min. to 2880 min.

### 2.4.13 When Battery low, OS Shutdown Buffer Time

When Battery Low, OS Shutdown Buffer Time (Range:0-600)  Minute

Select a desire time to automatically shutdown the computer OS before the UPS battery power is depleted. The selectable time is from 0 min. to 600 min.

### 2.4.14 When Battery capacity Low than , OS Shutdown Buffer Time

When Battery capacity Low than  % (0-100%)  
OS Shutdown Buffer Time (Range: 1-600)  Minute

Select a desire time to automatically shutdown the computer OS before the battery capacity is lower than xx %.The selectable time is from 1 min. to 600 min.

### 2.4.15 Action When Utility Recovery

When Utility Recovered,

When utility recovers, continue or cancel the countdown of OS shutting down.

### 2.4.16 Turn off UPS

Turn Off UPS  
Time Needed for Shutdown Sequence Before UPS Turns Off :

Time needed for shutdown sequence before UPS turn off

## 2.5 SMS

An alert message of recorded event will be sent to a predetermined mobile phone number via a subscribed short message service provider.

**SMS Setting**

SMS Server:

ID:  API ID:

PassWord:

Phone Number:

**A**

**C**

Event	Message Template
<input type="checkbox"/> UPS Connected	SMS message UPS connect
<input type="checkbox"/> UPS Disconnected	SMS message UPS disconnect
<input type="checkbox"/> Shutdown OS	SMS message System shutdown
<input type="checkbox"/> Power Fail	SMS message Power failure
<input type="checkbox"/> Battery Low	SMS message Battery low
<input type="checkbox"/> Power Restored	SMS message Power restored
<input type="checkbox"/> UPS Shutdown	SMS message UPS shutdown
<input type="checkbox"/> Over Load	SMS message Over load
<input type="checkbox"/> Battery Failed	SMS message Battery weak
<input type="checkbox"/> UPS Self Testing	SMS message UPS test

**D**

This SMS function is only available through third-party Short Message Service Providers. To use this function you need to subscribe an account on [every8d] or [clickatell]. These are currently the only 2 third-party SMS providers supported by Emily2 program. For more information on subscriptions and charges, please go to their respective website as follow:

1) For [Every8d]: go to [www.every8d.com](http://www.every8d.com)

**Note:** Please subscribe as "Corporate" account in order to use Emily2 program SMS function.

2) For [Clickatell]: go to [www.clickatell.com](http://www.clickatell.com)

**Note:** Payment has to be made to obtain an "api\_id" before use.

## A. Send Test

Click to send a test message to confirm the settings.

## B. Account Settings

Insert the SMS provided name, ID, passwords, "api-id" (for Clickatell subscriber only) and mobile phone number (international dialing format, include "+" or "00" and country code).

**Note:** If you want to send message to more than 1 mobile phone number, must use " , " to separate mobile phone numbers.

## C. Event & Message Selections

Click to select the desire Events to be broadcasted and the respective message contents (You may change and retype the Message contents to meet your requirement in English).

## D. Save Setting

Click "OK" to save & apply settings

**Note:** Internet Firewall may not allow this SMS function.  
If you have installed Firewall please allow this function.

## 2.6 E-Mail Settings

**B** User Name: Emily2 **A** Email Test  
User Email Address: XX@XXX.XXX Password: \*\*\*\*\*  
SMTP Server: XXX.XXX.XXX SMTP Server Port: 25  
Receiver Name: User Mail To: XX@XXX.XXX.XXX  
Subject: Hello

**C** Send Setting

<input type="checkbox"/> UPS Connected	Mail message UPS connect
<input type="checkbox"/> UPS Disconnected	Mail message UPS disconnect
<input type="checkbox"/> Shutdown OS	Mail message System shutdown
<input type="checkbox"/> Power Fail	Mail message Power failure
<input type="checkbox"/> Battery Low	Mail message Battery low
<input type="checkbox"/> Power Restored	Mail message Power restored
<input type="checkbox"/> UPS Shutdown	Mail message UPS shutdown
<input type="checkbox"/> Over Load	Mail message Over load
<input type="checkbox"/> Battery Failed	Mail message Battery weak
<input type="checkbox"/> UPS Self Testing	Mail message UPS test

**D** OK Cancel

### A. Send Test

Click to send a test message to confirm the settings are correct.

### B. Account Settings

Insert the User Name (Sender, e.g. Emily2), User Email Address (select a sender email address specifically for this function), Password (the pass word of your email server), SMTP Server (insert SMTP server or IP address), SMTP Server port (port of SMTP Server), Receiver Name (select a predetermined email address the event messages will be sent to), Mail To (Mail address of receiver), and Subject (select a subject name to acknowledge the receiver).

**Note:** If you want to send email to more than 1 email address, must use ";" to separate email addresses.

### C. Send Setting

Click to select the desire Events to be broadcasted and the respective message contents (You may change and retype the Message contents to meet your requirement in English).

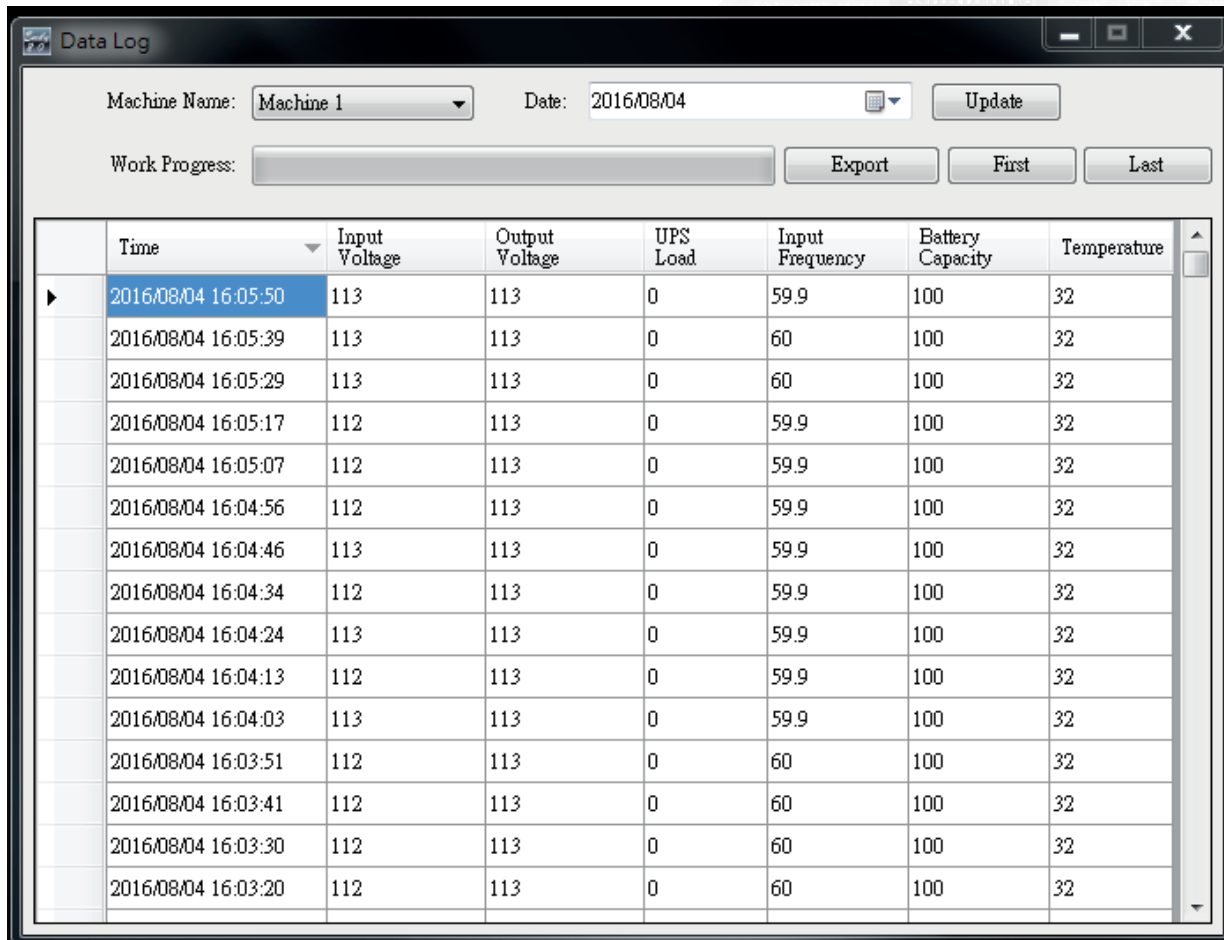
### D. Save Setting

Click "OK" to save & apply settings.

**Note:** Internet Firewall may not allow this E-Mailing function.  
If you have installed Firewall please allow this function.

## 2.7 Data Log

The "Data Bank" stores all UPS operating parameters monitored & recorded by the Emily2 program. It facilitates the recorded data (include Input Voltage, Output Voltage, Input Frequency, Battery Capacity, Temperature, Load) for a more effective study of the desire information. The information in the Data Base can be exported to Excel file.



The screenshot shows the 'Data Log' application window. At the top, there is a 'Machine Name' dropdown menu set to 'Machine 1' and a 'Date' field set to '2016/08/04'. Below these are buttons for 'Update', 'Export', 'First', and 'Last'. A 'Work Progress' progress bar is also visible. The main area contains a table with the following columns: Time, Input Voltage, Output Voltage, UPS Load, Input Frequency, Battery Capacity, and Temperature. The table lists 15 data points from 2016/08/04 16:05:50 down to 2016/08/04 16:03:20.

Time	Input Voltage	Output Voltage	UPS Load	Input Frequency	Battery Capacity	Temperature
2016/08/04 16:05:50	113	113	0	59.9	100	32
2016/08/04 16:05:39	113	113	0	60	100	32
2016/08/04 16:05:29	113	113	0	60	100	32
2016/08/04 16:05:17	112	113	0	59.9	100	32
2016/08/04 16:05:07	112	113	0	59.9	100	32
2016/08/04 16:04:56	112	113	0	59.9	100	32
2016/08/04 16:04:46	113	113	0	59.9	100	32
2016/08/04 16:04:34	112	113	0	59.9	100	32
2016/08/04 16:04:24	113	113	0	59.9	100	32
2016/08/04 16:04:13	112	113	0	59.9	100	32
2016/08/04 16:04:03	113	113	0	59.9	100	32
2016/08/04 16:03:51	112	113	0	60	100	32
2016/08/04 16:03:41	112	113	0	60	100	32
2016/08/04 16:03:30	112	113	0	60	100	32
2016/08/04 16:03:20	112	113	0	60	100	32

### 2.7.1 Setting Machine Name and date of data



This image shows a close-up of the control panel from the Data Log application. It features a 'Machine Name' dropdown menu with 'Machine 1' selected, a 'Date' field with '2016/08/04' entered, and an 'Update' button.

Choose the "Machine Name" and "Date", click "Search" have the further information.

## 2.7.2 Tools

Work Progress:

	Time	Input Voltage	Output Voltage	UPS Load	Input Frequency	Battery Capacity	Temperature
▶	2016/08/04 16:05:50	113	113	0	59.9	100	32
	2016/08/04 16:05:39	113	113	0	60	100	32
	2016/08/04 16:05:29	113	113	0	60	100	32
	2016/08/04 16:05:17	112	113	0	59.9	100	32
	2016/08/04 16:05:07	112	113	0	59.9	100	32
	2016/08/04 16:04:56	112	113	0	59.9	100	32
	2016/08/04 16:04:46	113	113	0	59.9	100	32
	2016/08/04 16:04:34	112	113	0	59.9	100	32
	2016/08/04 16:04:24	113	113	0	59.9	100	32
	2016/08/04 16:04:13	112	113	0	59.9	100	32
	2016/08/04 16:04:03	113	113	0	59.9	100	32
	2016/08/04 16:03:51	112	113	0	60	100	32
	2016/08/04 16:03:41	112	113	0	60	100	32
	2016/08/04 16:03:30	112	113	0	60	100	32

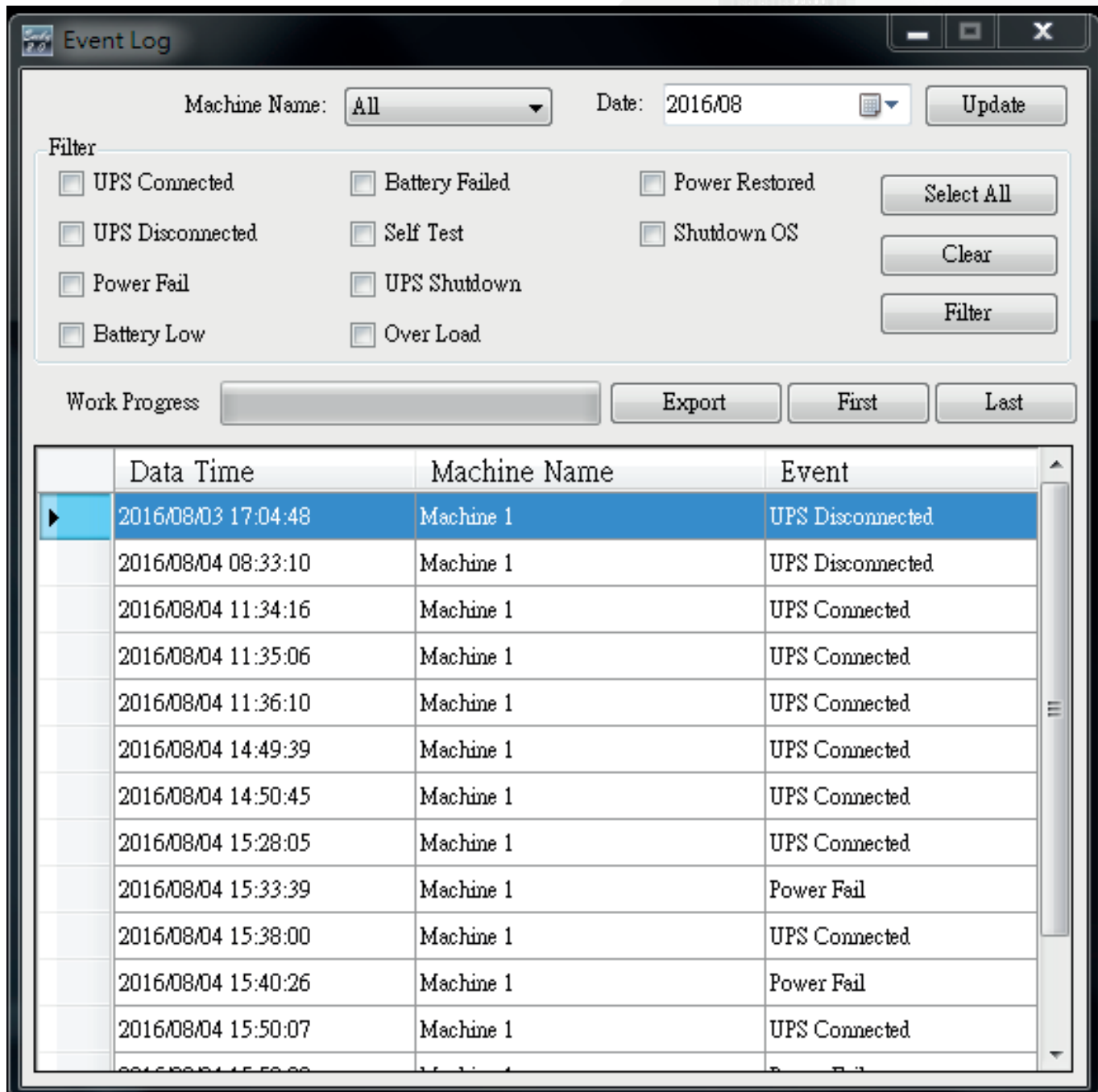
**Export:** Click to export the current data into "xls" or "txt" format.

**First:** Click to go to the first recorded entry.

**Last:** Click to go to the last recorded entry.

## 2.8 Event Log

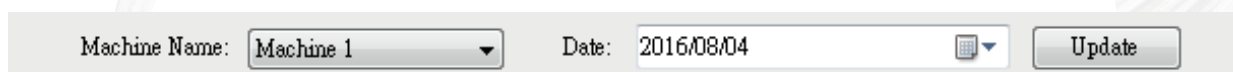
The "Event Log" provides a list of records of all the events & tasks to be performed by the program and those that had occurred on each day of the particular month. It provides a summary of the Utilities conditions and UPS testing results.



The screenshot shows the "Event Log" application window. At the top, there are controls for "Machine Name" (set to "All") and "Date" (set to "2016/08"), along with an "Update" button. Below this is a "Filter" section with checkboxes for various events: UPS Connected, UPS Disconnected, Power Fail, Battery Low, Battery Failed, Self Test, UPS Shutdown, Over Load, Power Restored, and Shutdown OS. There are also buttons for "Select All", "Clear", and "Filter". Below the filter is a "Work Progress" bar and buttons for "Export", "First", and "Last". The main area contains a table with the following data:

Data Time	Machine Name	Event
2016/08/03 17:04:48	Machine 1	UPS Disconnected
2016/08/04 08:33:10	Machine 1	UPS Disconnected
2016/08/04 11:34:16	Machine 1	UPS Connected
2016/08/04 11:35:06	Machine 1	UPS Connected
2016/08/04 11:36:10	Machine 1	UPS Connected
2016/08/04 14:49:39	Machine 1	UPS Connected
2016/08/04 14:50:45	Machine 1	UPS Connected
2016/08/04 15:28:05	Machine 1	UPS Connected
2016/08/04 15:33:39	Machine 1	Power Fail
2016/08/04 15:38:00	Machine 1	UPS Connected
2016/08/04 15:40:26	Machine 1	Power Fail
2016/08/04 15:50:07	Machine 1	UPS Connected

### 2.8.1 Setting Machine Name and date of data



Machine Name: Machine 1 Date: 2016/08/04 Update

Choose the "Machine Name" and "Date", click "Search" to have the further information.



## 2.8.2 Filter

Filter

<input type="checkbox"/> UPS Connected	<input type="checkbox"/> Battery Failed	<input type="checkbox"/> Power Restored	Select All Clear Filter
<input type="checkbox"/> UPS Disconnected	<input type="checkbox"/> Self Test	<input type="checkbox"/> Shutdown OS	
<input type="checkbox"/> Power Fail	<input type="checkbox"/> UPS Shutdown		
<input type="checkbox"/> Battery Low	<input type="checkbox"/> Over Load		

Please select or unselect the desire parameters by clicking on the respective parameter field box. Click "Filter" to have further information.

Select All: field box of all events will be ""

Clear: field box of all events will be ""

Filter: click "Filter" the data will show respectively.

## 2.8.3 Tools

Work Progress  Export First Last

	Data Time	Machine Name	Event
▶	2016/08/03 17:04:48	Machine 1	UPS Disconnected
	2016/08/04 08:33:10	Machine 1	UPS Disconnected
	2016/08/04 11:34:16	Machine 1	UPS Connected
	2016/08/04 11:35:06	Machine 1	UPS Connected
	2016/08/04 11:36:10	Machine 1	UPS Connected
	2016/08/04 14:49:39	Machine 1	UPS Connected
	2016/08/04 14:50:45	Machine 1	UPS Connected

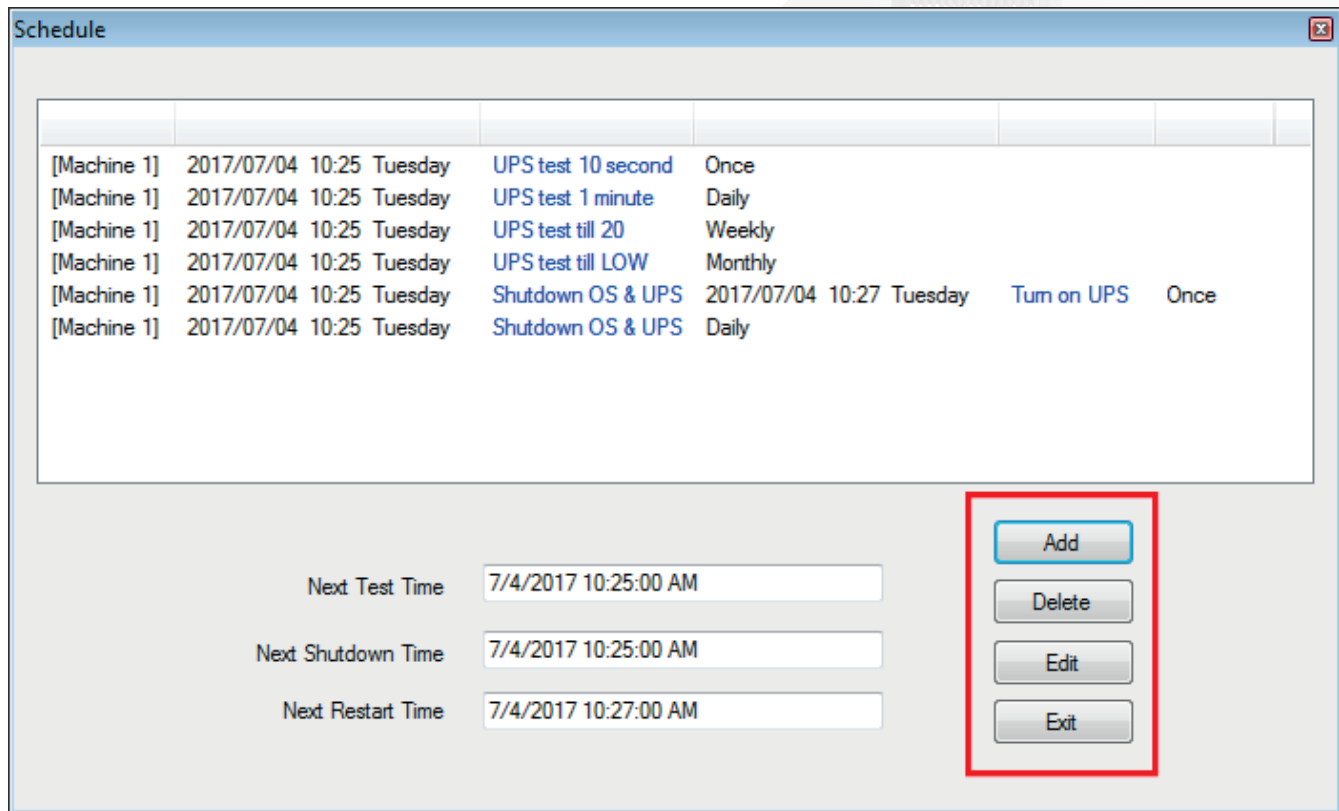
**Export:** click to export the current data into "xls" or "txt" format.

**First:** click to go to the first recorded entry.

**Last:** click to go to the last recorded entry.

## 2.9 Schedule

"Schedule" allows user to create a desire routine to notify UPS to perform specific or repeatable tasks automatically at predetermined dates & times. Please refer to the following instructions to create an entry:



The screenshot shows a window titled "Schedule" with a table of tasks and a control panel. The table lists tasks for [Machine 1] on 2017/07/04 at 10:25 on Tuesday. The tasks are: UPS test 10 second (Once), UPS test 1 minute (Daily), UPS test till 20 (Weekly), UPS test till LOW (Monthly), Shutdown OS & UPS (2017/07/04 10:27 Tuesday, Turn on UPS, Once), and Shutdown OS & UPS (Daily). The "Add" button is highlighted with a red box. Below the table are three input fields for "Next Test Time", "Next Shutdown Time", and "Next Restart Time", all set to 7/4/2017 10:25:00 AM or 10:27:00 AM. The control panel includes "Add", "Delete", "Edit", and "Exit" buttons.

Machine	Date	Time	Day	Task	Frequency	Additional Info
[Machine 1]	2017/07/04	10:25	Tuesday	UPS test 10 second	Once	
[Machine 1]	2017/07/04	10:25	Tuesday	UPS test 1 minute	Daily	
[Machine 1]	2017/07/04	10:25	Tuesday	UPS test till 20	Weekly	
[Machine 1]	2017/07/04	10:25	Tuesday	UPS test till LOW	Monthly	
[Machine 1]	2017/07/04	10:25	Tuesday	Shutdown OS & UPS	2017/07/04 10:27 Tuesday	Turn on UPS Once
[Machine 1]	2017/07/04	10:25	Tuesday	Shutdown OS & UPS	Daily	

Next Test Time: 7/4/2017 10:25:00 AM  
Next Shutdown Time: 7/4/2017 10:25:00 AM  
Next Restart Time: 7/4/2017 10:27:00 AM

Buttons: Add, Delete, Edit, Exit

**Create:** click "Add" to create a new task.

**Edit:**

**Step1.** Choose the task from the schedule list, the highlighted blue bar is the chosen task.

**Step2.** Set Machine and schedule items.

**Step3.** Click "Edit" to modify your selection.

**Delete:** choose the task from the schedule list, the highlighted blue bar is the chosen task. Click "Delete" to delete the task you choose.

**Exit:** exit the Schedule

## 2.9.1 Add

**A** Date : 2017/07/04 Tuesday Machine : Machine 1  
Time : 10:27

Frequency  Once  Daily  Weekly  Monthly

**B** Control

- UPS Self-Test 10 Secs
- UPS Self-Test(1-99) 1 Minutes
- UPS Self-Test Until Battery Capacity 20
- UPS Self-Test Until Battery Low
- Shut Down Operating System and UPS  Turn On UPS

**C** Add Cancel

OS & UPS Shutdown : 2017/09/13 15:42 Machine : Machine 1  
UPS Reboot : 2017/09/13 15:44

Frequency  Once  Daily  Weekly  Monthly

Control

- UPS Self-Test 10 Secs
- UPS Self-Test(1-99) 1 Minutes
- UPS Self-Test Until Battery Capacity 20
- UPS Self-Test Until Battery Low
- Shut Down Operating System and UPS  Turn On UPS

Add Cancel

OS & UPS Shutdown : 2017/09/13 15:42 Machine : Machine 1

Frequency  Once  Daily  Weekly  Monthly

Control

- UPS Self-Test 10 Secs
- UPS Self-Test(1-99) 1 Minutes
- UPS Self-Test Until Battery Capacity 20
- UPS Self-Test Until Battery Low
- Shut Down Operating System and UPS  Turn On UPS

Add Cancel

**A. Executive Time:** Machine Name: Choose the machine  
Date: Date Setting  
Time: Time Setting  
OS & UPS Shutdown: Set the shutdown time for OS & UPS  
UPS Reboot: Set the restart time for UPS  
Frequency: Set execute cycle of the schedule

**B. Control:**

1. Self-test for 10 seconds
2. Self-test for 10 minutes
3. Self-test till under xx%
4. Self-test until battery low
5. Shutdown the OS & UPS  
Restart the UPS after Shutdown in X minutes

**C. Function:** Add Or Cancel

## 2.9.2 Edit

**A** Task

Date : 2017/07/04 Tuesday  Machine : Machine 1

Time : 10:25

Frequency  Once  Daily  Weekly  Monthly

**B** Control

UPS Self-Test 10 Secs

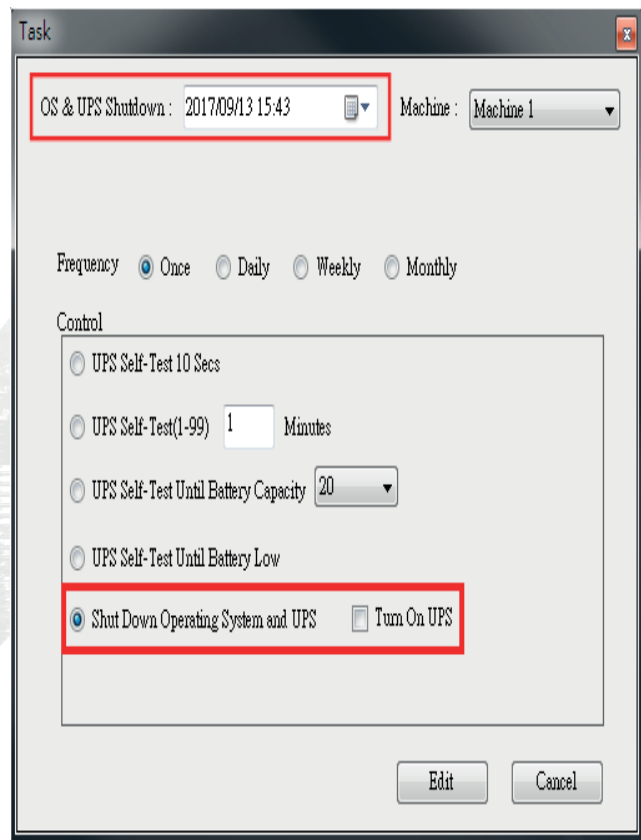
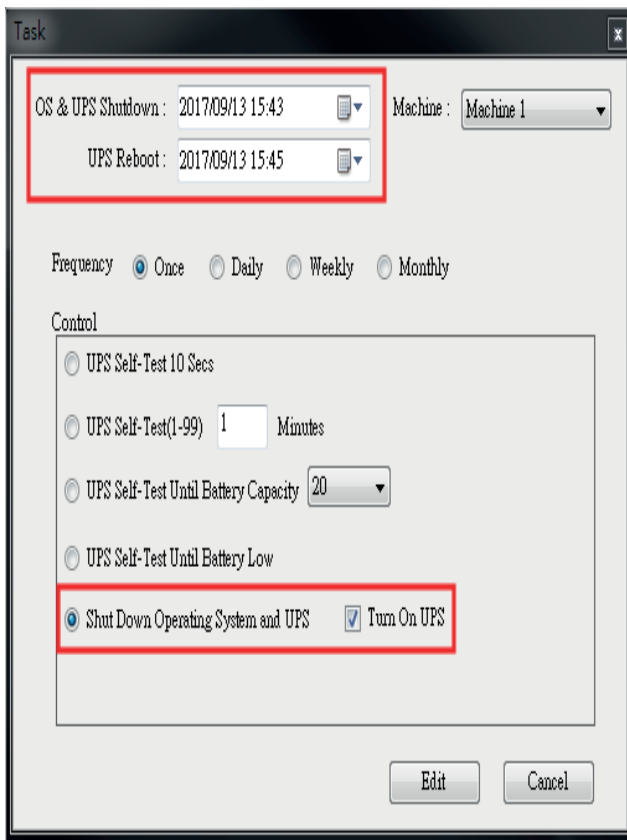
UPS Self-Test(1-99)  Minutes

UPS Self-Test Until Battery Capacity

UPS Self-Test Until Battery Low

Shut Down Operating System and UPS  Turn On UPS

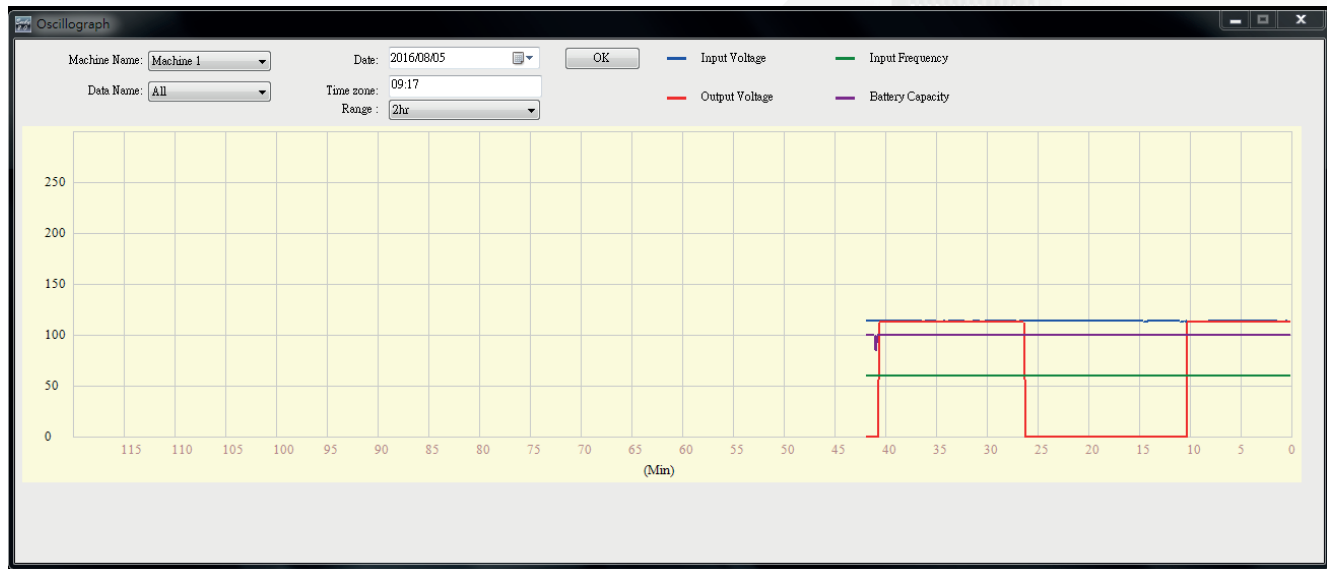
**C**



- A. Executive Time:** Machine Name: Choose the machine  
 Date: Date Setting  
 Time: Time Setting  
 OS & UPS Shutdown: Set the shutdown time for OS & UPS  
 UPS Reboot: Set the restart time for UPS  
 Frequency: Set execute cycle of the schedule
- B. Control:**
1. Self-test for 10 seconds
  2. Self-test for 10 minutes
  3. Self-test till under xx%
  4. Self-test until battery low
  5. Shutdown the OS & UPS
- Restart the UPS after Shutdown in X minutes
- C. Function:** Edit Or Cancel

## 2.10 Oscillograph

The "Oscillograph" provides a summarized report of the recorded UPS operating data. The recorded data are represented in line curves to provide an easy to read summary of the Utility & UPS power quality.



### 2.10.1 Tools

Machine Name:  Date:  OK  
Data Name:  Time zone:   
Range:

— Input Voltage      — Input Frequency  
— Output Voltage      — Battery Capacity

**Machine Name:** choose the machine which you want to show

**Date:** set the date of data you want to show

**Date Name:** 5 items can be chosen: "ALL", "Input Voltage", "Output Voltage", "Input Frequency", "Battery Capacity"

**Time Zone:** choose the time interval

## 2.11 Pop up alarms for Power Abnormal

When UPS happens one of Power Fail, Battery Low, Battery Failed, and Overload, it will show alarm window in order to remind user to prompt handle.



## 2.12 About

Click About to see the software version.  
Click "Help" to read the user manual.





Experts in Power Conversion

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