UPSCAPO Monitoring Software

User's Manual

Management Software for Uninterruptible Power Supply Systems

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1. Installation & Settings

- 1.1. Note
 - Operating OS: Windows 7 / Server 2012 / 10 / Server 2016.
 - Other Software Conditions:
 - > Windows Installer 3.0 and above.
 - > .NET Framework 3.5 and above.
 - Peripherals: Use either a serial port or USB.

1.2. Installation Instructions

- **Step 1** Please login as an Administrator.
- Step 2 Double click to execute "Setup".



Step 3 Click "Next" to next step.



Step 4 Enter "Select Installation Folder" to select the desire location for UPSCAPO program. (Default: C:\Program Files(x86)\ UPSCAPO.) Choose the user (yourself or anyone) who uses this software. Click "Next" to next step.



Step 5 Enter "Confirm Installation" to ensure the completed installation of UPSCAPO. Click "Next" to next step.



Step 6 Installing UPSCAPO program.

UPSCAPO			
Installing UPSCAPO			
UPSCAPO is being installed.			
Please wait			
	Cancel	< <u>B</u> ack	<u>N</u> ext >

Step 7 Click "Close" to end the installation.



1.3. Instructions on Removing UPSCAPO Program

Step 1 Go to Windows Control Panel and select "Add or Remove Programs".



o	Programs and Features									- 🗆	×
÷	 → 、 小 図 > Control P 							~	ට Search Program	ms and Features	P
	Control Panel Home View installed updates		all or chan			click Uninstall, Change, or Repair.					
•	Turn Windows features on or off	Organize	Uninstall	(nange	Repair	click onlinistall, change, of Repair.					?
		Name		~		Publisher	Installed On	Size	Version		
		W UPSCAPO	visual C++ 20	oo Redistrib	JIBDIC - X04 510.J	UPSCAPO	9/16/2018	51.3 MB			
						· · · · · · · · · · · · · · · · · · ·	0/0/2010	103.1.12	10.1.0.5211020		
		*	UPSCAPO P		on: 3.2.32 ze: 51.3 MB						

Step 3 In the page shown below, click "Yes" to confirm removal of the UPSCAPO or click "No" to cancel the removal.



Step 4 When the progress bar ends, the uninstallation is completed. UPSCAPO Icon will disappear from "Add or Remove Programs".



2. Function Descriptions

UPSCAPO program is user-friendly UPS monitoring software which reveals the status of the UPS via USB or RS232. It provided easy to read real time UPS parameters such as input/output voltage, frequency, UPS temperature, load percentage & battery capacity. These UPS parameters & status information are recorded and presented both graphically and numerically. The "Schedules" function of UPSCAPO allows user to preset various UPS commands to perform repetition of tasks automatically. In event of Power outage or abnormality, UPSCAPO Software is capable of automatically alerting user via Email. The following sections will provide detailed descriptions of these superior features of UPSCAPO Software.

2.1. Real-Time Information Monitoring Display

VPSCAPO				- 🗆 X
Control UPS Settings Lo,	gging Schedules Oscillog	graph About A. TO	ols Field	
IPS name	Input Volta	age Output Voltage	Input Frequency	Battery Capacity
JPS 1	231.8 (V) 231.8 (V)	50 (Hz)	100 (%)
		UPS 1		
Power Flow Meter	. Real Time	Information	Ratio	g Information
		20 4	Rate	d Voltage:
			230	V
Input Frequenc	zy: 50 Hz		Rate	d Current:
		B1.Rating Info	ormation ³	A
Input Voltag	ge: 231.8 V	Dinkating int	Batte	ry Voltage:
			24	V
				aency:
LIN	E 💴 UF	°S LOA		H
	Y	Output		information
		_ 231.8	V	facturer S.E.
	ſ	UPS Lo	ad.	
			0151	Model 750VA
	Dottory Consister	r: 100 %	%	7507A
Temperature:	Battery Capacity	100 %	Firmy	vare Version
30.0 °C 8	6.0 °F	B2. UPS Info	rmation	GS1018AN
150.0 C 8	0.0 F			

A. Tools Field

Function	Descriptions	Remarks
	This function include: Start Self-Test, Battery	
Control	Discharge Test, Cancel Test, Start Shutdown, and	
	Cancel Shutdown.	
	There are 4 parts in this item:	
	"Import Setting", "Export Setting", "General	
	Settings", And "E-Mail Configuration".	
UPS	1. "Import Setting": Import the Settings file.	
	2. "Export Setting": Export the Settings file.	
Settings	3. "General Settings": setting of Communications,	
	Multi language, Setting of Shutdown.	
	4. "E-Mail Configuration": E-mail alert function set	
	up.	
	There are 2 parts in this item: "Event Log" And	
	"Data Log".	
	1. "Event Log": Provides a list of records of events,	
Logging	command entries, alarms, etc.	
	2. "Data Log": Stores the UPS operating parameters	
	monitored & recorded by the UPSCAPO.	
Schedules	Provides scheduling of to-do events and commands.	
Oscillograph	Graphical representation of recorded UPS	
Oscillograph	parameters.	
About	Record the version number and proprietor name of	
About	the UPSCAPO.	

B. Real Time Information

The details of UPS parameters will be shown in this area. (as shown in below picture)

This area includes: "Icon page", "Value page", "Rating Information", and "UPS Information".

B1.Rating Information

Provides Power ratings of the connected UPS such as Voltage, Current, Battery Voltage and Frequency.

B2.UPS Information

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

Power Flow page :

Power Flow Meter		UPS 1				_
					Rating Information	
		20		ጉ	Rated Voltage:	
		X		. J	230	V
Input Frequency:	50 Hz				Rated Current:	
input frequency.					3	A
Input Voltage:	231.8 V				Battery Voltage:	
					24	V
					Frequency:	
	UPS				50 I	Hz
) — L	UAD	,		
	¥		Output Voltag	ge:	UPS information	
			231.8	v	Manufacturer	
			251.0		S.E.	
			UPS Load:		UPS Model	
			0	%	7507/	A
	Battery Capacity: 1	00 %	-		Firmware Version	
Temperature:					GS1018AN	N
30.0 °⊂ 86.0	°F					

% Symbols Description

State	Symbols	Description	Remarks
Boost		Boost OFF	
20000		Boost ON	
Trim		Trim OFF	
		Trim	
Over Load	20	No Overload	
	20	Over Load	
Battery		Battery Connected	
State	X	Battery Error	
Battery	\square	Battery OK	
State	Low	Low Battery	
By Dees	LINE UPS LOAD	Bypass OFF	Only for
By Pass	LINE UPS LOAD	Bypass ON	Online Model



Meter Page:

Symbols Description

State	Symbols	Description	Remarks
Connection		Communication Established. This symbol represents the UPS is successfully connected to the Computer.	
State		Communication Lost. Communication is lost between the UPS and the Computer.	
Power State	T	Power Supply OK.	
		Power Failure. The utility supply is absent or abnormal conditions.	
	OK	Battery Level OK.	
UPS Battery State		Low Battery. UPS battery is discharged to Low Battery condition.	
		Battery Error.	

		ON LINE Model.	
UPS Models	Bypass	OFF LINE Model.	
Test State	UPS	UPS No Test In-progress.	
	UPS	UPS Test In-progress.	
By Pass	BP	By Pass mode. (2 Icon swap)	Only for Online
	BP		Model

2.2. Control

🚻 Control		- 🗆 X
UPS name: UPS 1		
Test Menu	UPS & OS Shutdown Menu	
Start Self-Test	UPS Turn Off Delay	3 Minute
Battery Discharge Test	_	
Cancel Test	OS Shutdown Delay	1 Minute
	Start Shutdown	Cancel Shutdown

Provides commands for UPS to perform: Start Self-Test, Battery Discharge Test, Cancel Test, Start Shutdown, and Cancel Shutdown.

2.3. Import/Export Setting

2.3.1. Import Setting

Select the Config file which you want to Import.

Click "Open" to Import the Setting.

🚻 Open					×
	his PC → Desktop	✓ Ö Search Deskt	ор		Q
Organize 🔻 New fol	der				?
^	Name	Date modified	Туре		S
📌 Quick access	📋 config.co	9/16/2018 11:43 PM	CO File	1	
📃 Desktop 🛛 🖈	Config.co	9/10/2018 11:43 PIVI	CO File		
🖊 Downloads 🖈					
🔮 Documents 🖈					
📰 Pictures 🛛 🖈					
💻 This PC					
E Desktop					
Documents					
🕂 Downloads					
Music					
E Pictures					
📑 Videos					
🏪 Local Disk (C:)	<				>
File	name: config.co	~ Co			\sim
			_		
		<u>O</u> pen		Cancel	

2.3.2. Export Setting

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



2.4. General Settings

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

🚻 General Settings		_		×
Local Setting				^
Name UPS 1	Protocol	Standard	\sim	
Communication Interface USB \checkmark Baud Rate \checkmark	Data Log Record 🗹	per 10 secs	~	
Com Port 🗸 🗸	Maximum Record	Unlimited	\sim	
Remote Setting	Normal Setting			
Onnect Local Machine	Language English	\sim		
O Connect Remote Machine	Days of data retention 0 (0:N	lever Delete)		
Shutdown Setting				
Enable ACPI Shutdown ACPI UPSCAPO Shutdown for OS				[
OS Shutdown Type:				
🗌 Auto Save Application Status	Saved Log			
Display Closed Files Record on UPSCAPO Restar				
Optional command file to execute after OS started	countdown			~
	OK	Cancel		

A General Settings		_		\times
C Enable ACPI Shutdown				í
UPSCAPO Shutdown for OS				
OS Shutdown Type:				
Shutdown ~				
Auto Save Application Status	Saved Log	:		
Display Closed Files Record on UPSCAPO Restart				
Optional command file to execute after OS started countdown				
Browse	1	Minute		
	Maximum	: 20 minutes		
When Power Failure, OS Shutdown Buffer Time (Range:1-2880)	10	Minute		
When Battery Low, OS Shutdown Buffer Time (Range:0-600)	0	Minute		
When Battery capacity Low than	20	% (0-100%)		
OS Shutdown Delay (Range:1-600)	1	Minute		
When Utility Recovered,				
OS Cancels shutdown \sim				
Tum Off UPS				
Time Needed for Shutdown Sequence Before UPS Tums Off:		2	\sim	
	OK	Cancel		
L	OK	Cancel		

2.4.1. Enter the name of the unit which is shown on the Real Time Information Monitoring Display form, and to choose the Protocol type.



2.4.2. Setting Interface and Com Port of connection.

	Communication Interface RS232 -	
	Baud Rate 2400 -	
	Com Port COM6 💌	
2.4.3. Data log reco	ord setting	
	Data Log Record 👽 per 10 secs 💌	
	Maximum Record Unlimited 👻	

Select the item to enable the data log record, to set record interval time and to set data storage limit.

2.4.4. Language Selections

The UPSCAPO program provides various major languages for user selection. The initial startup language will be English.

2.4.5. Data log record 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 deletes.

2.4.6. Remote Setting

You can remotely connect to UPSCAPO installation from another computer. Please choose "Connect Remote Machine" and insert IP address. With "Connect Remote Machine" you cannot send commands like Scheduling or UPS turn off. But, you can shutdown the computer.

2.4.7. Enable ACPI Shutdown

When Enable ACPI Shutdown is selected, it means all of the Shutdown functions will be controlled by ACPI feature.

Enable ACPI Shutdown			
	ACPI		
○ UPSCAPO Shutdown for OS			

Pop up Warning Message.



All setting is depending on the ACPI setting value on the computer.

General Setting		
 Enable ACPI Shutdown ACPI UPSCAPO Shutdown for OS 		
OS Shutdown Type:		
 Auto Save Application Status Display Closed Files Record on UPSCAPO Restart 	Saved Log	
I Optional command file to execute after OS started countdown		
Browse	1 Minute	
	Maximum: 20 minu:	tes
When Power Failure, OS Shutdown Buffer Time (Range:1-2880)	10 Minute	
When Battery Low, OS Shutdown Buffer Time (Range:0-600)	10 Minute	
When Battery capacity Low than	50 % (0-10	0%)
OS Shutdown Buffer Time (Range:1-600)	10 Minute	
When Utility Recovered,		
OS Cancels shutdown 👻		
✓ Tum Off UPS Time Needed for Shutdown Sequence Before UPS Tums Off:	2	Ŧ
	OK Cance	1

2.4.8. Shutdown Type

0	S Shutdown Type:	
S	Shutdown	•

If the "Hibernate" is already activated on your computer OS, the user can choose "Hibernate" as one of shutdown type selections.

2.4.9. Auto save Application

Provides a function to save program when OS shutdown.

📃 Auto Save Application Status

📄 Display Closed Files Record on UPSCAPO Restart

Auto close and save Application Files before OS shutdown.

📃 AutoSave Application Status

Saved Log

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

📄 Display Closed Files Record on UPSCAPO Restart

"Record Log"

🚻 ci	losed Record Log	
Clos	sed Application	

Save AutoSave Directory under My Document.

Documents library Includes: 2 locations			Arrange by:	Folder 🔻
Name ^	Date modified	Туре	Size	
🕌 AutoSave	3/25/2014 3:04 PM	File folder		

2.4.10. 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.)

Browse	1	Minute
	Maximum: (20 minutes

2.4.11. When Power Failure, OS Shutdown Buffer Time

When Power Failure, OS Shutdown Buffer Time (Range:1-2880)	10	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.

2.4.12. When Battery low, OS Shutdown Buffer Time

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

2.4.13. When Battery capacity Low than, OS Shutdown Buffer Time

When Battery capacity Low than	20	% (0-100%)
OS Shutdown Buffer Time (Range:1-600)	1	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.

2.4.14. Action When Utility Recovery

When Utility Recovered,	
OS Cancels shutdown	▼

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

2.4.15. Turn off UPS

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

2 🗸

Time needed for shutdown sequence before UPS turn off

2.5.E-Mail Configuration

N E-Mail Configuration	1	-	-					
User Name:			Α	Email Te	st			
B _{User} Email Address:	XX@XXXX.XXX			Password:	****			
SMTP Server:	XXX.XXX.XXX				SMTP Server Port:	25		
Receiver Name:	User		Mail To	: XX	@XXX.XXX.XXX			
Subject:	Hello							
Send Setting								
C 🔲 Communication H	Established	Mail me	ssage UPS com	nect				
Communication I	Jost	Mail message UPS disconnect						
📃 OS Shutdown Sta	rted	Mail me	Mail message System shutdown					
📃 Power Failed		Mail me	fail message Power failure					
📃 Low Battery		Mail message Battery low						
Power Restored		Mail message Power restored						
📃 UPS Shutdown St	arted	Mail message UPS shutdown						
📃 Over Load	Over Load			Mail message Over load				
📃 Replace Battery		nessage Battery weak						
📃 UPS Self Testing		nessage UPS test						
			C		OK	Cancel		

A. Sent Test :

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

B. Account Settings:

Insert the User Name (Sender, e.g. UPSCAPO), 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 (Insert a user name who will be receiving the event message), 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, you must use "; " to separate email addresses.

C. Send Setting :

Click to select the desired Events to be broadcasted and their respective message contents (You may want to 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.

2.6. Data Log

The "Logging" stores all UPS operating parameters monitored & recorded by the UPSCAPO program.

It facilitates the recorded data (includes Input Voltage, Output Voltage, Input Frequency, Battery Capacity, Temperature, UPS Load) for a more effective study of desired information.

The information in the Data Log can be exported to Excel File (.xls) or Text File (.txt).

UPS name	UPS 1		Date: 2019/0	1/04		Update	
Work Progress					Export	First	Last
Time	Ŧ	Input Voltage	Output Voltage	UPS Load	Input Frequency	Battery Capacity	Temperature
2019/01/04 11	:03:04	231.9	0	0	50	100	30
2019/01/04 11	:02:53	232.1	0	0	50	100	30
2019/01/04 11	:02:42	231.9	0	0	50	100	30
2019/01/04 11	:02:30	231.8	0	0	50	100	30
2019/01/04 11	:02:19	232.1	0	0	50	100	30
2019/01/04 11	:02:08	232	0	0	50	100	30
2019/01/04 11	:01:57	232	0	0	50	100	30
2019/01/04 11	:01:45	232	0	0	50	100	30
2019/01/04 11	:01:34	231.9	0	0	50	100	30
2019/01/04 11	:01:23	231.9	0	0	50	100	30
2019/01/04 11	:01:12	232	0	0	50	100	30
2019/01/04 11	:01:00	232	0	0	50	100	30
2019/01/04 11	:00:49	231.9	0	0	50	100	30
2019/01/04 11	:00:38	231.9	0	0	50	100	30

2.6.1. Setting UPS Name and date of data

Choose the "UPS Name" and "Date", click "Update" to have the recorded information with respect to the selected date.

UPS name: UPS 1	Date:	2019/01/04	Update

2.6.2. Tools

Work Progress:				Export	First	Last
Time -	Input Voltage	Output Voltage	UPS Load	Input Frequency	Battery Capacity	Temperature
2019/01/04 11:03:04	231.9	0	0	50	100	30
2019/01/04 11:02:53	232.1	0	0	50	100	30
2019/01/04 11:02:42	231.9	0	0	50	100	30
2019/01/04 11:02:30	231.8	0	0	50	100	30
2019/01/04 11:02:19	232.1	0	0	50	100	30
2019/01/04 11:02:08	232	0	0	50	100	30
2019/01/04 11:01:57	232	0	0	50	100	30
2019/01/04 11:01:45	232	0	0	50	100	30
2019/01/04 11:01:34	231.9	0	0	50	100	30
2019/01/04 11:01:23	231.9	0	0	50	100	30
2019/01/04 11:01:12	232	0	0	50	100	30
2019/01/04 11:01:00	232	0	0	50	100	30
2019/01/04 11:00:49	231.9	0	0	50	100	30
2019/01/04 11:00:38	231.9	0	0	50	100	30
2019/01/04 11:00:27	232.2	0	0	50	100	30

- **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.

2.7. 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.

🚻 Event Log			- 🗆 X
UPS name: UPS 1	Date: 2019/01	Update	
Communication Established Communication Lost Power Failed Low Battery Work Progress	Battery Error Start Self-Test UPS Shutdown Started Over Load Export	Power Restored OS Shutdown Started Self Test Cancelled Shutdown Cancelled First Last	Select All Clear Filter
Data Time 2019/01/03 15:36:45	UPS name	Event Communication Lost	
2019/01/03 17:53:06 2019/01/04 10:58:43 *	UPS 1 UPS 1	Communication Lost Communication Established	_

2.7.1. Setting UPS Name and date of data

UPS name: UPS 1 Date: 💆	019/01]•	Update
-------------------------	--------	----	--------

Choose the "UPS Name" and "Date", click "Update" to have the recorded information with respect to the selected date.

2.7.2. Filter

Filter			
Communication Established	Replace Battery	Power Restored	Select All
Communication Lost	Start Self-Test	📄 OS Shutdown Started	Clear
Power Failed	🔲 UPS Shutdown Started	📄 Self Test Cancelled	Filter
Low Battery	📄 Over Load	📄 Shutdown Cancelled	Filter

Please select or unselect the desired parameters by clicking on the parameters check box. Click "Filter" to have relevant 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.

2.7.3. Tools

	Work Progress	E	port First Last	
	Data Time	UPS name	Event	
١.	2019/01/03 15:36:45	UPS 1	Communication Lost	
	2019/01/03 17:53:06	UPS 1	Communication Lost	
	2019/01/04 10:58:43	UPS 1	Communication Established	
*				

- **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. Schedules

"Schedules" allows user to create a desired 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 :

Scl	hedules											
[
	FUDG 43	0010 8081	10.10	π 1	TTPO O 10	m . 10	<u>^</u>					_
	[UPS 1]	2018/12/11				-Test 10 second	Once De iles					
	[UPS 1] [UPS 1]			-		-Test 1 Minute -Test until Battery condition	Daily Weekly					
	[UPS 1]					-Test until Low Battery con	Monthly					
	[UPS 1]			-		n Operating System and UP	-	18:16	Tuesday	Tum On UPS	Once	
		2018/12/11		-		n Operating System and UP	Once					
				,								
l												
										Add		
				Next Tes	t Time	12/11/2018 6:13:00 PM			Г	Delete		
			Next	Shutdown	n Time	12/11/2018 6:14:00 PM				Edit		
			N	ext Restar	t Time	12/11/2018 6:16:00 PM				Exit		

- **Create** : Click "Add" to create a new task.
- Edit :
 - **Step1.** Choose the task from the "Schedules" list, the highlighted blue bar is the chosen task.

Step2. Set UPS and "Schedules" items.

Step3. Click "Edit" to modify your selection.

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

2.8.1. Add

Task	X
A	UPS name : UPS 1 Date : 2018/12/11 Tuesday Time : 18:14
	Frequency 💿 Once 💿 Daily 💿 Weekly 💿 Monthly
в	Control UPS Self-Test 10 second UPS Self-Test (1 - 99) Minute UPS Self-Test until Battery condition 20 % UPS Self-Test until Low Battery condition 20 Tum On UPS Tum On UPS
	C Add Cancel

Task					X								
	UPS name : U	PS 1											
	UPS & OS Shutdown : 2018/12/11 18:14												
Freq	uency 💿 Once 🛛 🦳) Daily	🔘 Weekly	🔘 Monthly									
Contro	ol												
0	O UPS Self-Test 10 second												
01	UPS Self-Test (1 - 99)												
	1 Minute												
01	UPS Self-Test until Battery c	ondition											
(20 🔻 %												
01	UPS Self-Test until Low Batt	tery condition											
	Shutdown Operating System	and UPS											
		[Add	Cancel									

Task												
UPS name : UPS 1												
UPS & OS Shutdown : 2018/12/11 18:14												
Frequency 💿 Once 💿 Daily 💿 Weekly 💿 Monthly												
Control	_											
O UPS Self-Test 10 second												
UPS Self-Test (1 - 99)												
1 Minute												
O UPS Self-Test until Battery condition												
20 🗸 %												
O UPS Self-Test until Low Battery condition												
Shutdown Operating System and UPS												
🥅 Tum On UPS												
Add Cancel												

A. Execution Time :

- UPS Name : Choose the UPS.
- 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 executes cycle of the "Schedules".

B. Control:

- **1.** Self-test for 10 seconds.
- **2.** Self-test for 10 minutes.
- **3.** Self-test until under xx%
- 4. Self-test until battery low.
- **5.** Shutdown the OS & UPS.
- % Check "Turn On UPS" Check box to Restart the UPS after Shutdown is completed in X Minutes.

C. Function : Add Or Cancel

2.8.2. Edit

Task	
Α	UPS name : UPS 1 Date : 2018/12/11 Tuesday v Time : 18:13 v Frequency Once Daily Weekly Monthly
в	 Control UPS Self-Test 10 second UPS Self-Test (1 - 99) 1 Minute UPS Self-Test until Battery condition 20 % UPS Self-Test until Low Battery condition O UPS Self-Test until Low Battery condition Shutdown Operating System and UPS I Tum On UPS
	C Edit Cancel

Task	X											
UPS name : UPS 1												
UPS & OS Shutdown : 2018/12/11 18:14												
UPS Reboot : 2018/12/11 18:16												
Frequency 💿 Once 🔿 Daily 🔿 Weekly 🔿 Month	у											
Control												
O UPS Self-Test 10 second												
UPS Self-Test (1 - 99)												
1 Minute												
UPS Self-Test until Battery condition												
20 🍷 %												
🔘 UPS Self-Test until Low Battery condition												
Shutdown Operating System and UPS												
📝 Tum On UPS												
Edit Cancel												

Task	X											
UPS name : UPS 1												
UPS & OS Shutdown : 2018/12/11 18:14												
Frequency 💿 Once 💿 Daily 💿 Weekly 💿 Monthly												
Control	_											
UPS Self-Test 10 second												
🔘 UPS Self-Test (1 - 99)												
1 Minute												
UPS Self-Test until Battery condition												
20 • %												
O UPS Self-Test until Low Battery condition												
Shutdown Operating System and UPS												
🔲 Tum On UPS												
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Edit Cancel	ך											
	_											

A. Execution Time :

- UPS Name : Choose the UPS.
- 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 "Schedules".

B. Control:

- **1.** Self-test for 10 seconds.
- 2. Self-test for 10 minutes.
- **3.** Self-test until under xx%
- **4.** Self-test until battery low.
- 5. Shutdown the OS & UPS.
- % Check "Turn On UPS" Check box to Restart the UPS after Shutdown is completed in X Minutes.
- C. Function : Edit Or Cancel

2.9.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.

	UPS nan	e: UPS	1				_	19/01/04			OK		- In	put ∛oltage		-	Input Freq	uency							
	Data Nan	ue: All		`	<i>'</i>	Time zo Raj	ine: 1 ige: 2	1:07 har		~			<u> </u>	utput Voltag	9	-	Battery Ce	pacity							
250																									
200																									
150																									
50																									_
0	1	5 1	110	105	100	95	90	85	80	75	70	65 (Min)		55	50	45	40	35	30	25	20	15	10	5	0

2.9.1. Tools

UPS name:	UPS 1			Date:	2019/01/04		OK
Data Name:	All		\sim	Time zone:	11:07		
				Range:	2hr	\sim	
			T.,		In and En annual and		
			Input Voltage		Input Frequency		
		_	Output Voltage	_	Battery Capacity		

- **UPS Name**: Choose the UPS which you want to show.
- **Date** : Set the date of data you want to show.
- Data Name : 5 items can be chosen: "ALL", "Input Voltage", "Output Voltage", "Input Frequency", "Battery Capacity".
- **Time zone** : Choose the time interval.

2.10. Pop-up Alarms for Power Events

When UPS events occur, such as Power Failed, Low Battery, Battery Error and Overload, UPSCAPO will show Alarm window to alert user for appropriate action.

W UPS Alarm	
Power Failed	

2.11. About

Click About to see the software version.

Click "Help" to read the user manual.

