UPSMON PRO V2.57

UPS Monitoring Software

User's Manual

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0. Overview

UPSMON PRO is compatible with the following windows :

- 1. Windows XP, Vista, 7, 8, and 10 (32-Bit and 64-Bit)
- 2. Windows Server 2000, 2003, 2008, 2012, 2016, and Hyper-V (32-Bit and 64-Bit)

NOTE: administrator authority is necessary to execute at windows here



A. UPS Connecting

To start the ups connection :

- 1. Connect Page
- 2. Choose the ups connecting interface :

2.1 USB Port

2.2 SNMP Card : Fill in the snmpcard ip address

2.3 **COM Port** : The serial port cable is attached from the ups box

NOTE: The serial port cable is not suitable from the others

2.4 UPSMON PRO : Fill in the upsmon-pro computer ip address

USB
 SNMP Card [192.168.001.254
 COM Port [1]
 UPSMON PRO [192.168.001.001

W UPSMON PRO V2.4	and 10 city for and 10 c	lao -		
Power Source	Battery Capacity	Load Level	UPSMON	PRO
Monitor Syst	tem 🧭	Power Status	AC Utility	Power
Current Statu	15 4	Input Voltage	109	(V)
UPS Event L	og 4	Output Voltage	109	(V)
UPS Data Lo	pg 4	Input Frequency	60	(Hz)
UPS Connec	t 🚺	Battery Status	Normal	
Shutdown Se	etup	Battery Capacity	100	(%)
Email Notific	ation	Est. Backup Time	270	(Min)
UPS Schedu	le 🚺	UPS Status	ON-Line	
Outlet Contro		UPS Load	33	(%)
Help and Sup	port	UPS Temperature	31	(C)
	Th	e UPS is working normal	lly	

3. Then you will successfully get the ups monitoring as below :

WPSMON PRO V2.4		_	_	
Power Source	Battery Capacity	Load Level	UPSMON	PRO
Monitor Sy	/stem	Power Status	Battery Po	wer
Current Sta	atus	Input Voltage	0	(V)
UPS Event	Log	Output Voltage	110	(V)
UPS Data	Log	Input Frequency	0	(Hz)
UPS Conn	ect	Battery Status	Discharge	10
Shutdown	Setup	Battery Capacity	99	(%)
Email Noti UPS Cont	rol	Est. Backup Time	269	(Min)
UPS Schee	dule 🚺	UPS Status	ON-Line	
Outlet Con	trol	UPS Load	38	(%)
		UPS Temperature	31	(C)
	Th	e UPS is working on batte	ery	

B. Shutdown Configuration

Below steps guides you shutdown windows and ups when power failure occurs :

1. Run Time Page



- 2. Windows shutdown type (a)
 - 2.1 None : No any reaction for windows even the blackout condition
 - 2.2 Shut down : Running out of the procedures to save the programs to hard disk
 - 2.3 Hibernate : Power-saving state and puts open documents and programs on hard disk
- 3. **Power failure windows shutdown delay (b1)** : After this period of time runs out, windows start to act shutdown

Battery limited capacity shutdown (b2) : Once the battery is declining to this level, windows start to act shutdown

Low battery shutdown (b3) : If the condition of battery is low, the windows act shutdown

Any one of the(b1,2,3)item-conditions is fulfilled, upsmon execute windows shutdown or hibernate at once

4. UPS shutdown delay (c) : This duration is affording to completely shutdown the computer



5. Execute command file (d) : when (b1) seconds runs out, upsmon will start to act your designate command

5.1 **Time to execute command file** : your command have such more seconds to run. And then upsmon commit windows shutdown

6. Ups start delay time (e1) : To charge the more power, the ups will delay its power supply

Ups start battery capacity (e2) : To charge the more power, the ups will supply its power when the battery ascend to this capacity %

Only both of the(e1, 2) item-conditions is fulfilled, ups will start to supply its power

C. Email Notification

It supplies an active E-Mail notification :

- 1. Notification Page
- Enter your SMTP Mail server's information

 (ex : SMTP Server, User name, Port, Authentication, Sender's mail, Receiver's mail)
 NOTE : This feature requires your e-mail account support SMTP Server
- 4. Button Mail Test : It helps you to check the email configuration is okay or not
- 5. Checkup **Daily Report** : It reports you the summary ups output power (Watt)

SMTP Server sm	tp.gmail.com	User Name	dinow46	
Using Secure Passw	ord Authentication	hentication ******** ****		
Port 465	• Table Form	at C	Text Format	
Sender E-Mail Address	dinow46@gm	ail.com		
Send To	dinow@upspo	wercom.com.tw		
Mail Test	🔽 Daily Repo	rt		

🔽 Popup Message Notification

D. UPS Control

1. UPS Control Page

Battery Test Function				
Quick Battery Test	-	30	•	Execute
UPS Function Setting				
Manual Bypass	-			
Parameter				
OFF	•			Execute
🗆 Enable Green Mode				
🖲 Green Mode ON				
🕫 Green Mode OFF				
Enable Power Failure UPS Sound				
🔿 Sound ON				
Sound OFF				
Sound OFF				
From 上午 10:00:0 - To	下	午 <mark>08</mark> :	00:0 <u>^</u>	

- 2. Battery Test Function
 - 2.1 Quick Battery Test : Ups switch its power from battery
 - 2.2 Battery Test for Specific Time : Exhaust the battery power for this period of time
 - 2.3 Test for Specific Battery Level : Exhaust the battery capacity to this battery level
 - 2.4 Deep Battery Test : Exhaust the battery to low condition
 - 2.5 Cancel Test : Stop battery testing
- 3. **UPS Function Setting** : Select the function to set the UPS, there will be the corresponding parameter options, and then press Execute button to set the selected function

4. Green Mode :

ON : The ups automatically turn off its power if the load is low **OFF** : UPS will sustain the power to its limit

5. Power Failure UPS Sound : Turn on and off the alarm in your desire

E. Historical Event

It displays all ups events which taken place

Event Date Time	Event Description	^
2017/6/13 下午 03:37:49	UPS Shutdown	
2017/6/13 下午 03:35:49	System Shutdown	
2017/6/13 下午 03:31:28	Connection Error	
2017/6/13 下午 03:30:51	Power Failure	
2017/6/13 下午 03:23:31	UPS Bypass Recover	
2017/6/13 下午 03:22:35	UPS Bypass	
2017/6/13 下午 02:49:26	Pro Connection Restore	
2017/6/13 下午 02:39:01	Pro Connection Error	
2017/6/13 下午 02:09:31	UPS Bypass Recover	
2017/6/13 下午 02:09:12	UPS Bypass	
2017/6/13 下午 02:08:54	Power Restore	
2017/6/13 下午 02:08:33	Power Failure	
2017/6/13 下午 02:08:12	Battery Normal	
2017/6/13 下午 02:08:01	UPS Self Test	
2017/6/13 下午 02:07:43	Battery Normal	~

F. Record Viewer

- 1. Record Viewer Page
- 2. It records and actively shows UPS information : I/P Voltage, I/P Frequency, O/P Voltage, Battery Level, Load, and Temperature
- 3. As well you can check up the historical data by **calendar** (Upper Right Corner)



G. Outlets Control

- 1. Outlets Control Page
- 2. Turn ON/OFF the outlets power at once
- 3. Set up the UPS-Outlet shutdown sequence for blackout condition

NOTE: This feature requires the specific UPS to sup	port	
Enable Outlet Control		
Outlet 1 Outlet 2	OFF -	
Master Outlet OFF Outlet 1		
Slave Outlet Setting		
🗖 Power failure windows shutdown delay (Sec)	300	
🗖 Battery limited capacity shutdown (%)	30	
🗖 Low battery shutdown		
UPS shutdown delay (Min)	2	

H. UPS Schedule

It helps you to have an automatic UPS OFF / ON / Battery self test

- 1. Schedule Page
- 2. Recurrence & Occurrences : Once / Daily / Weekly / Monthly
- 3. Event : Ups shutdown / ups start / battery test

\triangleleft	✓ 六月 2017							\triangleright			
Sund	lay Mond	lay	Tuesda	у	Wednesd	ay	Thursda	ay	Friday	7	Saturday
							1		2		3
4	5		6		7		8		9		10
-11	12		13		14		15		16		17
18	3 19		20		21		22		23		24
25	5 26		27		28		29		30		
Recurre	nce Occurrenc	es	Even	t1	Т	ime1	Eventi	2	Tir	ne2	
Daily	💌 Every da	у	▼ UPS	5 Shu	itdox 🔻 19	9:00	UPS S	tarteo	1 🔽 08:	:00	Add
NO.	Recurrence	Occu	rrences	Eve	nt1	Tim	ie1	Ever	nt2	Tim	e2
1	Daily	Every	7 day	UP	S Shutdow	19:0	10	UPS	Started	08:0	0

 If you set up the UPS shutdown, all the UPSMON-Slaves will execute OS shutdown earlier 30 seconds than UPSMON-Master

NOTE: The time of ups shutdown must be earlier than ups start

5. You can check the last UPS schedule for the current status



UPS Shutdown	2017/6/14	19 : 00
UPS Started	2017/6/15	08 : 00

I. Multi OS Connect



The UPSMON PRO can play the role as Master or Slave

- 1. UPSMON PRO Master : Physically connect(RS232 / USB) with ups
- ==> Master can share the ups information to other Slaves
- ==> EX : IP 10.192.136.231 (Master pc ip address)

2. UPSMON PRO **Slave** : Get the ups information from UPSMON PRO Master by ways of the internet or intranet

==> All the other pc, which installed upsmon pro, can get the ups status from UPSMON PRO Master

EX: UPSMON PRO Windows / Connect Page / UPSMON PRO : 10.192.136.231

C USB	
O SNMP Card	192.168.001.254
C COM Port	1
• UPSMON PRO	010.192.136.231

And then you get ups connection

🎇 UPSMO	N PRO for Window	rs ¥2.3			
Power So	urce	Battery Capacity		MON	PRO
	Monitor Syster	n 🔗	Power Status	AC Utility	Power
	Current Status	5	Input Voltage	106	(V)
	Historical Event	- 4	Output Voltage	120	(V)
đÔ.	Configuration		Battery status	Normal	
	Connect Run Time		Remaining battery capacity	100	(%)
	Notification		Est. Battery Backup Time	229	(Min)
	UPS Control UPS Schedule		UPS Status	ON-Line	
	Outlet Control		UPS load	5	(%)
	Help and Suppo	ort 💄	UPS temperature	27	(C)
		The	UPS is working normally		

EX : UPSMON PRO Linux

- ==> Execute the UPSMON-PRO-for-Linux application : ./upsmon
- ==> Choose UPSMON-PRO (4) with Master IP address
- ==> UPSMON : Start Monitor ==> It means the connection is successful



J. Web Portal

Ups remotely monitoring via browser

- 1. Connect Page
- 2. Enable Web Server UPSMON Function
- 3. IP Address : Make sure this Windows has a IP address (ex : 10.192.136.231)
- 4. Port : 8000 (default)
- 5. User Name : UPSMON (default)
- 6. Password : UPSMON (default)

NOTE: This feature requires your windows has a connectable ip address

← → C ☆ 10.192.136.231:8000	
UPSMON PRO WEB	
Please enter User Name and Password.	
User Name UPSMON	
Password	
OK Cancel	
D UPSMON PRO WEB ×	
← → C f [10.192.136.231:8000/index.html]	
📰 應用程式 M Gmail 🙁 Google 🦣 Google 翻譯 🍐 Google 雲端硬碟	
$^{\circ}$	UPSMON
120 180 240	AVR Mode
$ \underbrace{\mathbf{f}_{0}^{60}}_{360} \underbrace{\mathbf{f}_{0}^{300}}_{360} \underbrace{\mathbf{f}_{0}^{300}}_{360} \underbrace{\mathbf{f}_{0}^{300}}_{180} \mathbf{$	
	ON-Line
I/P Voltage [V] O/P Voltage [V] Load Level [%]	Utility State
30 45 60	
$\left(\begin{array}{ccc} \underline{f}_{15} \\ \underline{f}_{0} \\$	UPS State
59 60 100	
I/P Frequency [Hz] O/P Frequency [Hz] Battery Level [%]	

K. Windows auto startup

Below configuration can help you to auto startup windows when power is restored

- 1. PC Restart
- 2. When the PC brand logo screen appears, press correct key on your keyboard to open to the BIOS Setup window (For general PCs, press the **delete** key)
- 3. Use your arrow keys on the keyboard to select the correct power option
- 4. Select the correct setting to enable PC power always on. For general PCs, use your arrow keys to **Enable** "**Restore on AC Power Loss**"
- 5. Save your changes

NOTE: Each PC varies in how to enter and make changes to the BIOS settings

L. VMWare Support



ESXi Server (EX : IP 210.202.53.149)

A. Get ups monitoring on Vmware-Windows

- 1. Vmware-Windows upsmon get ups connection from usb
 - ==> Start Vmware ESXi
 - ==> Vmware-Windows >> Actions >> Edit settings

==> Add other device >>> USB device >>> Powercom HID UPS Battery >>> Save

		the Astions
gr Console 📸 Monitor	Win7Eng Guest OS Microsoft Windows 7 (64-bit) Compatibility ESXI 6.5 and later (VM version 13) VMware Tools Yes CPUs 1 Memory 2 GB Host name win7Test-PC	Actions Win7Eng Win7Eng Power Guest OS Snapshots Console Autostart Upgrate VM Compatibility
- General Information		Export
Metworking	win7Test-PC	Se Edit settings
Getworking Mware Tools	win7Test-PC Installed and running	Editsettings
 	win7Test-PC Installed and running 1 disk C Edit notes	Editsettings
	win7Test-PC Installed and running 1 disk Edit notes st hour	 Edit settings Permissions Edit the Edit notes Rename Answer question
 	st hour Consumed host CPU Consumed host memory Consumed host memory Consumed host memory Consumed host memory	 Edit settings Permissions Edit notes Rename Answer question Unregister Delete
 	win7Test-PC Installed and running 1 disk Edit notes thour Consumed host CPU Consumed host memory 2	 Edit settings Permissions Edit the Edit notes Rename Answer question Unregister Delete Help

Add hard disk 🛤 Add netwo	ork adapter	🚍 Add other device		
CPU	1	CD/DVD drive		
Memory	204	Serial port	_	
Hard disk 1	50	Parallel port		c
SCSI Controller 0	LSI	USB controller		¢
SATA Controller 0		Sound USB device		C
USB controller 1	USI	PCI device	Ŧ	
Network Adapter 1	VM	SCSI controller	▼ Connect	C
Mdeo Card	Spe	SATA controller	*	
USB Device 1	Pov	vercom HID UPS Battery	*	c

2. Vmware-Windows install upsmon pro and choose **usb** connection

Win7Eng		🖬 🖬 🗂 😼 🖨 Actions 🕲
5		
Recycle Bin M UPSMON PRO for Windows V2.3		
VMware vSpite SDired	apacity Load Level UPSMC © USB © SNMP Card [192.168.001.254 © COM Port 1	N PRO
Record Viewer Configuration Connect Run Time Notification UPS Control Cokethia	O UPSMON PRO 192.168.001.001 Image: Construction with the second secon	
Multi-Outlets Help and Support	APP Control Password UPSMON	210.202.53.151
	The UPS is working normally	
📀 🤌 🗒 🔉 🎇		- 😼 🐿 🌜 4:33 PM 6/14/2017 📑

3. Successfully get ups monitoring

WUPSMON PRO for Windows	₩2.3			
Power Source Ba	ttery Capacity	Load Level	SMON	PRO
Monitor System)	Power Status	AC Utility	Power
Current Status	5 5	Input Voltage	114	(V)
Historical Event Record Viewer	- 4	Output Voltage	120	(V)
Configuration		Battery status	Normal	
Connect Run Time		Remaining battery capacity	100	(%)
Notification	i i i	Est. Battery Backup Time	229	(Min)
UPS Control UPS Schedule		UPS Status	ON-Line	
Outlet Control		UPS load	8	(%)
Help and Support		UPS temperature	30	(C)
	The	UPS is working normally		

4. UPSMON PRO >> Run Time >> Shutdown Vmware Esxi (Enable) >> Setup

🗹 Shutdown VMware Esxi

Setup

5. Filled in your Vmware Exsi IP / User Name (administrator) / Password



B. Vmware OS shutdown with sequence configuration



- 1. Install Vmware vSphere Client
- 2. Start Vmware vSphere Client and login to the Vmware Esxi

💋 VMware vSphere Client	
vmware ‱are vSphere Client	
All vSphere features available only throug vSphere Client will or feature set as vSphe To directly manage a singl To manage multiple hosts, vCenter Server.	introduced in vSphere 5.5 and beyond are gh the vSphere Web Client. The traditional ontinue to operate, supporting the same ere 5.0. le host, enter the IP address or host name. , enter the IP address or name of a
IP address / Name: User name: Password:	210.202.53.149 root ************************************

3. Vmware host >> Software >> Virtual Machine Startup / Shutdown >> Properties

210.202.53.149 - vSphere File Edit View Inventor	Client v Administration Plug-ins Help						
Home	▶ 🚮 Inventory ▷ 🎒 Inventory						
6							
210.202.53.149	localhost.UPS VMware ESXi, 6.5.0, 531	.0538					
🖞 LinuxSuse	Getting Started Summary Virtual Mac	chines Res	ource Allocation Perfor	mance Conf	iguration Users	Events P	ermissions
UPS VMA TEST	Hardware	Virtua	l Machine Startup and	Shutdown		[Properties
Win2012Eng Win2016Eng	Health Status Processors Memory	Start and Stop Virtual Machines with the system Enabled Default Startup Delay 10 seconds Default Shutdown Delay 15 seconds					
	Storage	Order	Virtual Machine	Startup	Startup Delay	Shutdown	Shutdown De
	Storage Adapters Network Adapters Advanced Settings Power Management	Auton 1 2 3 4	hatic Startup DPS VMA TEST Win7Eng LinuxUbuntu LinuxSuse	Enabled Enabled Enabled Enabled	10 seconds 10 seconds 10 seconds 10 seconds	Suspend Suspend Suspend Suspend	15 seconds 15 seconds 15 seconds 15 seconds
	Software	5	🔂 Win2012Eng	Enabled	10 seconds	Suspend	15 seconds
	Licensed Features Time Configuration DNS and Routing Authentication Services	6	Win2016Eng	Enabled	10 seconds	Suspend	15 seconds
	Virtual Machine Startup/Shutdown Virtual Machine Swapfile Location			m			•

4. This windows is allowed you to setup :

shutdown type / shutdown delay / shutdown order / startup order

Default Startup Delay For each virtual machine, delay startup for: 10 seconds			Default Shutdown Delay For each virtual machine, delay shutdown for: 60 seconds				
□ Co	ntinue immediately if the \	Mware Tools st	tart	Shutdov	vn Action:	Suspend	-
Order	Virtual Machine	Startup	Startup Delay	Shutdown	Shutdown Delay	•	
Auton	atic Startup	Enabled	10 seconds	Europend	120 cocordo		Move Up
Auton 1 2	Win2016Eng	Enabled	10 seconds	Suspend	120 seconds	-	Move Up
Auton 1 2 3	Hitic Startup Win2016Eng Win2012Eng LinuxSuse	Enabled Enabled Enabled	10 seconds 10 seconds 10 seconds	Suspend Suspend Suspend	120 seconds 120 seconds 60 seconds	E	Move Up Move Dov
Auton 1 2 3 4	Hic Startup Win2016Eng Win2012Eng LinuxSuse LinuxUbuntu	Enabled Enabled Enabled Enabled	10 seconds 10 seconds 10 seconds 10 seconds	Suspend Suspend Suspend Suspend	120 seconds 120 seconds 60 seconds 60 seconds	E	Move Up Move Dov Edit
Auton 1 2 3 4 5		Enabled Enabled Enabled Enabled Enabled	10 seconds 10 seconds 10 seconds 10 seconds 10 seconds	Suspend Suspend Suspend Suspend Suspend	120 seconds 120 seconds 60 seconds 60 seconds 15 seconds	E	Move Up Move Dov Edit
Auton 1 2 3 4 5 6	Hic Startup Image: Win2016Eng Image: Win2012Eng Image: Win2012Eng Image: UnixSuse Image: UnixUbuntu Image: UPS VMA TEST Image: Win7Eng	Enabled Enabled Enabled Enabled Enabled Enabled	10 seconds 10 seconds 10 seconds 10 seconds 10 seconds 10 seconds	Suspend Suspend Suspend Suspend Suspend Suspend	120 seconds 120 seconds 60 seconds 60 seconds 15 seconds 15 seconds	E	Move Up Move Dov Edit

Ex : In above example : Win7Eng shutdown first / Win2016Eng shutdown last

C. Power failure and the Vmware shutdown as sequence

22	10.202.53.149 - vSphere (Client							
<u>F</u> ile	<u>E</u> dit Vie <u>w</u> Inventory	Adm	ninistration <u>P</u> lug	-ins	<u>H</u> elp				
Nan	1e	Targ	jet	Sta	tus	Details	Initiated by	Requested Start Ti 💎	Start Time
1	Suspend virtual machi	西	Win2016Eng	2	2% 💶 🗌		root	6/16/2017 9:38:30 PM	6/16/2017 9:38:30 PM
1	Suspend virtual machi	Ð	Win2012Eng	63	2%		root	6/16/2017 9:38:15 PM	6/16/2017 9:38:15 PM
1	Suspend virtual machi	西	LinuxSuse	4	5% 💻 🗌		root	6/16/2017 9:38:00 PM	6/16/2017 9:38:00 PM
1	Suspend virtual machi	西	LinuxUbuntu	0	Completed		root	6/16/2017 9:37:46 PM	6/16/2017 9:37:46 PM
1	Suspend virtual machi	西	UPS VMA TEST	۲	Completed		root	6/16/2017 9:37:31 PM	6/16/2017 9:37:31 PM
1	Suspend virtual machi	Ð	Win7Eng	0	Completed		root	6/16/2017 9:37:16 PM	6/16/2017 9:37:16 PM
1	Auto power Off		210.202.53.149	0	Completed		root	6/16/2017 9:37:16 PM	6/16/2017 9:37:16 PM
1	Initiate host shutdown		210.202.53.149	0	Completed		root	6/16/2017 9:37:16 PM	6/16/2017 9:37:16 PM

M. SMS Alarm

A. Configuration >> UPSMON >> Email Notification

- User Name and password >> Check with your ups vendor
- UPS Name >> Receive alarm's message with ups label
- **Phone Number** >> Receive alarm's phone number

UPSMON PRO V2.57(SMS)		34			3 — 3	×
Power Source Battery Ca	pacity	Load I	Level	IPSMOi	V PR	
	SMTP Server			User Name		
Monitor System	□ Using Secure P	asswo	ord Authenticatio	n		
Current Status	Port 25 🚔		Table For	mat C Te	ext Format	
UPS Event Log	Subject					
UPS Data Log	Sender E-Mail Add	dress				
Configuration	Send To					
UPS Connect	Mail Test			🗌 Popup Me	ssage Notificat	ion
Shutdown Setup	User Name	dinc	w	Password	dinow	
Email Notification	UPS Name	VGD		Phone Number	0987654321	L .
UPS Control	Event Description		Execute Comm	and File		^
LIPS Schedule	Connection Error	V				
CT 5 Schedule	Connection Restore	V				
Outlet Control	Power Failure	•				
USER Help and Support	Power Restore	▼				
HANUAL	UPS Self Test	~				
	The UPS is	worki	ng normally			

B. Smart Phone >> Get messages

1. Alarm >> **Power failure**

3:13 pm	0931181211	
	Today at 3:09 pm	
UPS Alarm UPS Name : UPS Event : UPS Time :	VGD Power Failure 15:09:03 21-10-13	

2. Alarm >> **Power restore**

3:13 pm	0931181211	.al 🔳
	Today at 3:09 pm	
UPS Alarm UPS Name : UPS Event : UPS Time :	VGD Power Restore 15:09:25 21-10-13	

3. Alarm >> **UPS connect lost**



4. Alarm >> **UPS battery test**

3:19 pm	0931181211	= lt.
	Today at 3:18 pm	
UPS Alarm UPS Name : V UPS Event : U UPS Time : 1	/GD Jps Battery Test 5:18:25 21-10-13	

5. Alarm >> **UPS battery test normal**

3:20 pm	0931181211	. II.
	Today at 3:19 pm	
UPS Alarm UPS Name : \ UPS Event : \ UPS Time : 1	/GD Jps Battery Normal 5:19:26 21-10-13	

6. Alarm >> **UPS battery fail**

3:28 pm	0931181211	.al 📼
	Today at 3:25 pm	
UPS Alarm UPS Name : V UPS Event : U UPS Time : 15		

7. Alarm >> **UPS battery expired**

3:39 pm	0931181211		.11 🔳	
UPS Alarm UPS Name : VGD UPS Event : Ups UPS Time : 15:35	Today at 3:35 pr Battery Expired 5:09 21-10-13	m		

8. Alarm >> UPS fail

	3:42 pm	0931181211	.al 🔳
		Today at 3:40 pm	
UPS Alarm UPS Name : VGD UPS Event : Ups Fail UPS Time : 15:40:11 21-10-13			

9. Alarm >> UPS overload

3:45 pm	0931181211	. II.
	Today at 3:43 pm	
UPS Alarm UPS Name : V UPS Event : U UPS Time : 15	'GD lps Overload 5:43:50 21-10-13	

10. Alarm >> **UPS bypass on**

3:49 pm	0931181211	= lt.
UPS Alarm	Today at 3:48 pm	
UPS Event : UPS Time : 1	Jps Bypass ON 5:48:27 21-10-13	

11. Alarm >> **UPS bypass off**

3:49 pm	0931181211	.11
	Today at 3:48 pm	
UPS Alarm UPS Name : V UPS Event : L UPS Time : 1!	/GD Jps Bypass OFF 5:48:39 21-10-13	