

Software User Manual

WiseWay

Foreword

Summaries

Thank you for choosing the WiseWay software product!

This document mainly introduces the installation and operation of the WiseWay software product.

Please save the information after reading, in order to consult in the future.

Term Convention

Abbreviation	Description
SNMP	Simple Network Management Protocol
HTTP	HyperText Transfer Protocol
Web Browser	Web browser, i.e. webpage browser
TCP	Transmission Control Protocol
UDP	User Datagram Protocol
DHCP	Dynamic Host Configuration Protocol
DNS	Domain Name System
FTP	File Transfer Protocol
ARP	Address Resolution Protocol
CSCI	Computer Software Configuration Item

Change History

Changes between document issues are cumulative. The latest document issue contains all the changes made in earlier issues.

Issue 003 (2020-05-07)

Update content for SNMP built-in card.

Issue 002 (2018-10-15)

Update content for international version.

Issue 001 (2015-06-24)

First issue.

Contents

1 Overview.....	1
1.1 System Overview	1
2 Hardware Overview	2
2.1 Appearance of SNMP Card	2
2.2 Function Description for Hardware Port	2
2.3 LED Signal Indicator	2
3 Software Overview	4
3.1 Application	4
3.2 Software Detailed List.....	4
3.3 Software Environment.....	5
4 First Use SNMP Card	6
4.1 First Login.....	6
4.2 Account Number Setting	7
5 Use Guide	9
5.1 Main Page Information.....	9
5.1.1 Real Time Status of UPS.....	10
5.1.2 UPS Current Running Data.....	10
5.1.3 UPS Current Running Status.....	12
5.2 UPS Information and Status	13
5.2.1 System Information and Status	13
5.2.2 UPS Basic Information	14
5.2.3 UPS Real-time Data	15
5.2.4 UPS Real-time Status.....	17

5.2.5 Module Real-time Status.....	20
5.2.6 Chart Display	21
5.3 Setting and Control	22
5.3.1 Remote Control	22
5.3.2 UPS Parameters Setting	23
5.3.3 UPS ON/OFF	25
5.3.4 Wake on LAN	27
5.3.5 Network Setting	27
5.3.6 SNMP Configuration	29
5.3.7 Email Setting.....	32
5.3.8 SMS Setting	35
5.3.9 System Setting	37
5.4 Log Query	38
5.4.1 Event Log.....	39
5.4.2 SMS Log	39
5.4.3 UPS Data.....	40
5.5 Other Functions	41
5.5.1 Firmware Update	41
5.5.2 Port Debug	43
5.6 About.....	43

1 Overview

1.1 System Overview

SNMP card is a new network monitoring product which is designed to manage the UPS conveniently. The product provides real time network monitoring and management for UPS, and it can also look up the real time dynamic data to realize the remote control of UPS, which make the networked management for UPS more convenient. The product can realize the monitoring for single UPS, matching with corresponding PC software, it can achieve integration monitoring management.

SNMP card provides speedy installation procedure, you can search and set the IP address after installing the NetFind software in PC. Login the webpage of SNMP card through browser (such as IE browser), and you can obtain the operating status of UPS, such as working voltage, current, frequency, etc. of UPS. Through Web interface, you can set the parameters of device and system, such as start or shut down the UPS in a certain time, set the user authority, user name, IP, etc.

SNMP card provides close software for different operating system. If necessary, please close the operating system to avoid abnormal shutdown caused by mains abnormal.

2 Hardware Overview


2.1 Appearance of SNMP Card



Figure2-1 Appearance of SNMP card

2.2 Function Description for Hardware Port

Table2-1 Function description for hardware port

Picture	Name	Function
	Ethernet	Ethernet port

2.3 LED Signal Indicator

Table2-2 Corresponding signal indicator status of SNMP card

Red indicator	Yellow indicator	Green indicator	Status description
Off	Off	Continuously lighting on	System starting
*	*	Flickers (once per second)	System running
*	*	Flickers (twice per second)	System running

Red indicator	Yellow indicator	Green indicator	Status description
*	Flickers (once per second)	Flickers (once per second)	UPS is in communicating
Off	Continuously lighting on	Flickers (once per second)	UPS is judging the overtime
Continuously lighting on	Off	Flickers (once per second)	UPS lost connection
Off/ Continuously lighting on	Off/ Continuously lighting on	Off/ Continuously lighting on	System fault

**NOTE**

* means that the indicator stay in random status.

3 Software Overview

3.1 Application

SNMP card is a new network monitoring product which is designed to manage the UPS conveniently. Login the webpage of SNMP card through browser (such as IE browser), and you can obtain the operating status of UPS, such as work voltage, current, frequency, etc. of UPS. Through Web interface, you can set the parameters of device and system, such as start or shut down the UPS in a certain time, set the user authority, user name, IP, etc.

The detailed function is as follows.

- Monitor the real time status of UPS through browser to login SNMP card.
- Set the function of UPS through browser to login SNMP card.
- Support the protocol of TCP/IP, SNMP, FTP, NTP, HTTP, SMTP, etc.
- Provide software (WiseFind) to upgrade the SNMP card.
- Send daily report forms by Email.
- When UPS abnormal, administrator can receive related information through message, SNMP, Email, etc.
- It can attach message module to achieve message alarm.

3.2 Software Detailed List

- User manual for SNMP card
- Installation program for WiseFind searching software.
- Installation program for WiseClose shutdown software.
- Installation program for WiseSMS message server
- Installation program for WiseInsight integration monitoring software

3.3 Software Environment

It is suitable, but not only, for the following browsers: (mark the browser version in detail).

- IE8+ browser
- Firefox 14+ browser
- Chrome31+ browser



CAUTION

The early operating system may not so good in compatibility.

4 First Use SNMP Card

4.1 First Login

After hardware connecting and setting of SNMP card and network, you can obtain the IP address of SNMP card through WiseFind software. Open browser, enter the IP address of SNMP card (default IP is 192.168.69.100), enter user name and password in login interface, then click Login to enter monitoring page. Default user name of administrator is admin, corresponding password is admin.

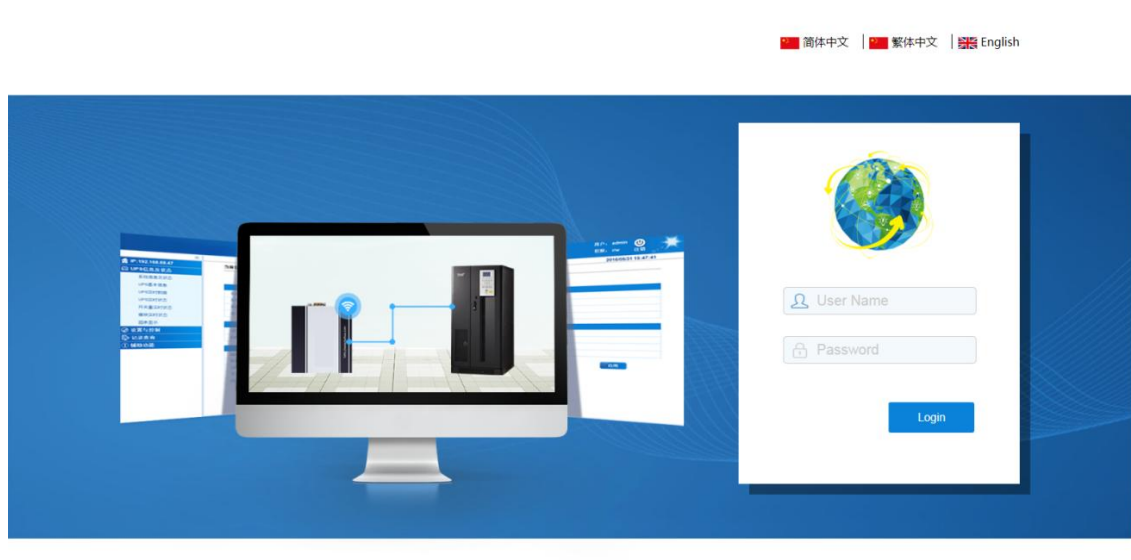


Figure4-1 Login interface for SNMP card

After login the monitoring interface of SNMP card, you can remote monitoring the UPS or set the related information.



CAUTION

Please ensure that the setting IP address is in the same network segment with user's computer IP address.



CAUTION

The login interface is different in different browser, the manual take IE as an example.

4.2 Account Number Setting

User can modify the account, add new user and set user authority, etc. through setting and control -> network setting-> webpage remote login according to needs.

Remote Login Page			
User Name	Password	Permissions	IP Address Management
admin	****	Read/write	***
		Readable	***
		Readable	***
		Readable	***
		Readable	***
		Readable	***
		Readable	***
		Readable	***
		Readable	***

Apply

Figure4-2 Remote login page



CAUTION

Details please see 5.3.5 Network Setting.



CAUTION

For system safety, please modify the default password of admin.



CAUTION

Please save the password of admin properly, if lost unfortunately, please contact the supplier.

**CAUTION**

If set the authority to no authority, the user will not login, please set carefully.

5 Use Guide

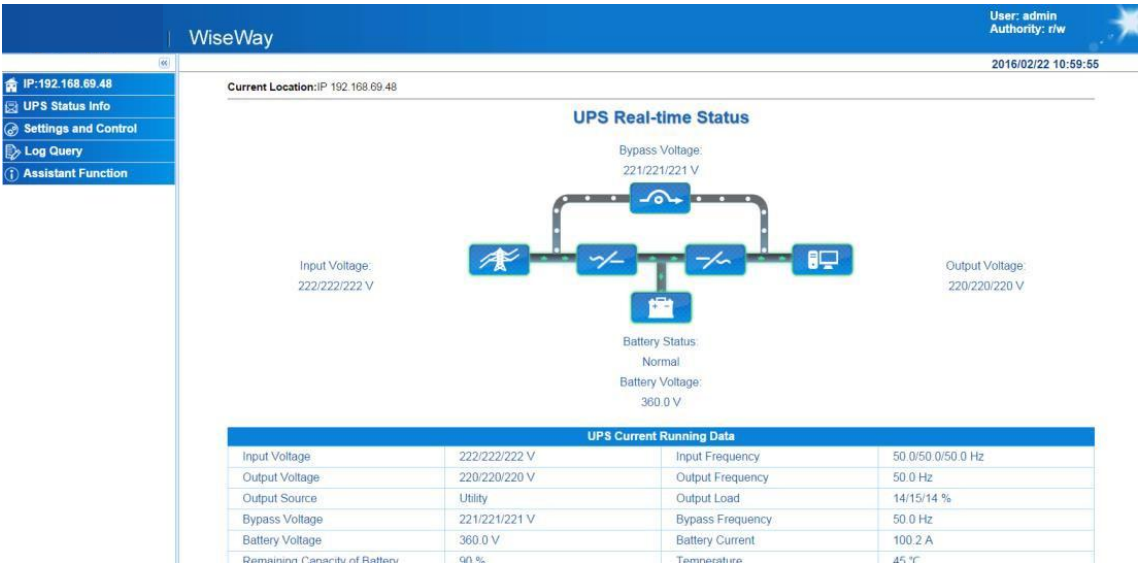


Figure5-1 UPS real-time status

After login the webpage of SNMP card, it will show the current login user name and permission, system function menu, system information and status, etc.

System menu includes basic information of main page, UPS information and status, setting and control, log query, other functions. Details for each function are as follows.

5.1 Main Page Information

Main page shows the main information of monitored UPS, which makes the administrator understand the real time status of the UPS conveniently.

5.1.1 Real Time Status of UPS

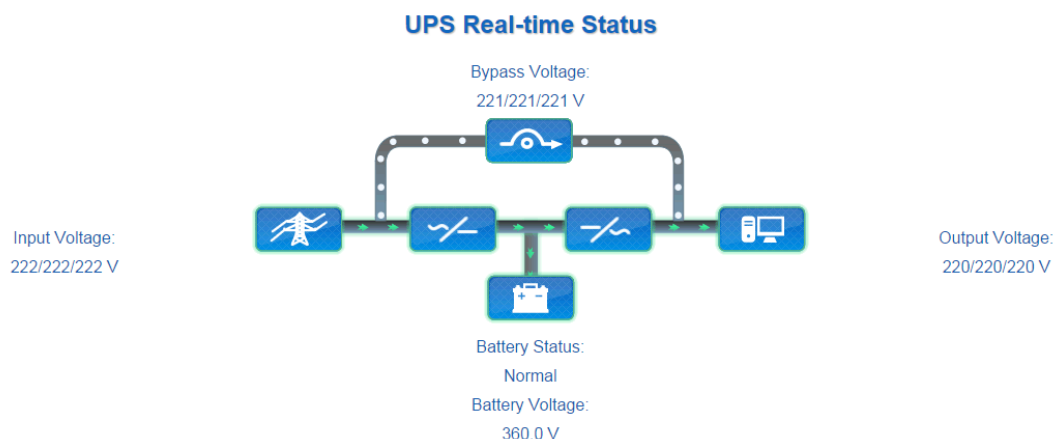


Figure5-2 UPS real time status

Item	Description
Input voltage	Shows the real time input voltage of the UPS
Output voltage	Shows the real time output voltage of the UPS
Bypass voltage	Shows the real time bypass voltage of the UPS
Battery status	Shows the real time battery status of the UPS
Battery voltage	Shows the real time battery voltage of the UPS

5.1.2 UPS Current Running Data

UPS Current Running Data			
Input Voltage	220/223/226 V	Input Frequency	50.0/50.0/50.0 Hz
Output Voltage	230/233/235 V	Output Frequency	50.0 Hz
Output Source	Utility	Output Load	14/15/14 %
Bypass Voltage	211/214/217 V	Bypass Frequency	50.0 Hz
Battery Voltage	360.0 V	Battery Current	100.2 A
Battery Status	N/A	Battery Temperature	45 °C
Battery Discharge Time	0 days 0 hours 0 minutes 0 seconds	Remaining Time of Battery	1000 min
Remaining Capacity of Battery	90 %		

Figure5-3 UPS current running data

It shows the current running data of the UPS (note: the non-uploading data are all display as N/A, the following tables are the same).

Item	Description
Input voltage	Shows the UPS real time input voltage
Input frequency	Shows the UPS real time input frequency
Output voltage	Shows the UPS real time output voltage
Output frequency	Shows the UPS real time output frequency
Output source	Shows the current system power supply way
Output load	Shows the UPS output load
Bypass voltage	Shows the UPS real time bypass voltage
Bypass frequency	Shows the UPS real time bypass frequency
Battery voltage	Shows the UPS real time battery voltage
Battery current	Shows the UPS real time battery current
Battery fault	Shows that whether the UPS is in fault
Battery temperature	Shows the UPS real time battery temperature
Battery discharge time	Shows the UPS battery discharging time
Remaining time of battery	Shows the batter remaining time of the UPS
Remaining capacity of battery	Shows the battery remaining capacity of the UPS.

5.1.3 UPS Current Running Status

UPS Current Running Status			
UPS Communication Status	Communication OK		
Input Abnormal	No	Input Power Pending	N/A
Output Abnormal	No	Output Overload	No
UPS Output Off	N/A	On Bypass Mode	No
Bypass Abnormal	No	Battery Abnormal	N/A
On Battery Mode	No	Battery Low Voltage	No
Battery Useup	No	Temperature Abnormal	No

Figure5-4 UPS current running status

It shows the current running status of the UPS.

Item	Description
UPS communication status	Shows the UPS current communication status
Input abnormal	Shows that if there is abnormal input
Input power pending	Shows that if it is in input power pending
Output abnormal	Shows that if the UPS output abnormally
Output overload	Shows that if the UPS is overload
UPS output off	Shows the UPS output status
On bypass mode	Shows that if the UPS stay in bypass mode
Bypass abnormal	Shows that if the bypass is abnormal
Battery abnormal	Shows that if the UPS battery is abnormal
On battery mode	Shows that if the UPS stay in battery mode
Battery low voltage	Shows that if the UPS is low voltage
Battery use up	Shows that if the UPS battery is used up.
Temperature abnormal	Shows that if the battery temperature is abnormal

5.2 UPS Information and Status

It provides basic information and running status of the UPS, including: system information and status, UPS basic information, UPS real time data, UPS real time status, module real time status, chart display.

5.2.1 System Information and Status

It provides the SNMP card information, UPS system information, network status, etc.

Information of SNMP card

System Information			
System Name	Name	Hardware Version	KCUPSNET_HWW2.0
System Administrator	Admin	Firmware Version	UPSNET_SWV1.64
System Location	Location	S/N	-
Total Running Time	0 days 1 hours 42 minutes 11 seconds		

Figure5-5 System information

Item	Description
System name	System name of SNMP card. It can be set according to “setting and control->system setting”
System administrator	System administrator of SNMP card. It can be set according to “setting and control->system setting”
System location	System location of SNMP card. It can be set according to “setting and control->system setting”.
Total running time	Total running time of SNMP card. It times as soon as powering on.
Hardware version	Hardwire version information of SNMP card.
Firmware version	Firmware version of SNMP card.
S/N	S/N of SNMP card.

Information of UPS system

UPS System			
UPS Last Selftest Time		UPS Next Selftest Time	
Email Daily Report Time		Time of Send Alarm Information before Shutdown UPS(Minutes)	30

Figure5-6 UPS system

Item	Description
UPS last selftest time	Shows the last selftest time.
UPS next selftest time	Shows the next selftest time.
Email daily report time	Shows the daily email report time.
Time of send alarm information before shutdown	Shows the time of sending alarm information before shutdown.

Network status

Network Status			
MAC Address	A0:BB:3E:60:00:14	Primary DNS Server	192.168.52.10
Connection Type	100Mbps Full duplex	Secondary DNS Server	192.168.52.2
IP Address	192.168.69.34	Time Server	time.nist.gov
Subnet Mask	255.255.255.0	Email Server	
Gateway IP Address	192.168.69.1	Login IP Address	192.168.69.31

Figure5-7 Network status

Item	Description
MAC address	Shows the MAC address of SNMP card.
Connection type	Shows the connection type of SNMP card.
SNMP_IP address	Shows the IP address of SNMP card.
Subnet mask	Shows the subnet mask of SNMP card.
Gateway IP address	Shows the gateway IP address of SNMPPR card.
Primary DNS server	Shows the primary DNS server address.
Secondary DNS server	Shows the secondary DNS server address.
Time sever	Shows the time server of SNMP card.
Email server	Shows the address of email server
Login IP address	Shows the login IP address of current user.

5.2.2 UPS Basic Information

It provides the UPS basic information and rated information.

Basic information

UPS Basic Information	
Manufacturer	kehua
Firmware Version	V5.6
Model	UK33100

Figure5-8 UPS basic information

Item	Description
Manufacturer	Shows the UPS manufacturer
Firmware version	Shows the UPS firmware version
Model	Shows the UPS model

Rating information

Rating Information	
Rated Input Voltage(V)	220 V
Rated Input Frequency(Hz)	50.0 Hz
Rated Output Voltage(V)	220 V
Rated Output Frequency(Hz)	50.0 Hz
Rated Apparent Power(VA)	150000 VA
Rated Active Power(W)	N/A

Figure5-9 Rating information

Item	Description
Rated input voltage	Show the UPS rated input voltage
Rated input frequency	Show the UPS rated input frequency
Rated output voltage	Show the UPS rated output voltage
Rated output frequency	Show the UPS rated output frequency
Rated apparent power	Show the UPS rated capacity
Rated active power	Show the UPS rated power

5.2.3 UPS Real-time Data

It provides the real-time data of the UPS. The data are obtained real time by system. It is made up of UPS information, input information, output information, bypass information, battery information.

Real-time Data		
UPS Information	UPS Communication Status	Communication OK
Input Information	Input Voltage	220/223/226 V
	Input Current	N/A
	Input Frequency	50.0/50.0/50.0 Hz
	Input True Power(W)	N/A
output Information	Output Source	Utility
	Output Voltage	230/233/235 V
	Output Current	N/A
	Output Frequency	50.0 Hz
	Output Load	14/15/14 %
	Output True Power(W)	N/A
Bypass Information	Bypass Voltage	211/214/217 V
	Bypass Current	N/A
	Bypass Frequency	50.0 Hz
	Battery True Power(W)	N/A
Battery Information	BatteryStatus	N/A
	Battery Voltage	360.0 V
	Battery Current	100.2 A
	Battery Temperature	45 °C
	Battery Discharge Time	0 s
	Remaining Time of Battery	1000 min
	Remaining Capacity of Battery	90 %

Figure5-10 Real-time data

It shows whole UPS real-time data information (the items, which out of the communication protocol, will show as N/A)

UPS information

UPS communication status: shows the UPS real-time communication status.

Input information

Item	Description
Input voltage	Shows the real-time input voltage of UPS.
Input current	Shows the real-time input current of UPS.
Input frequency	Shows the real-time input frequency of UPS.
Input true power	Shows the input true power of UPS.

Output information

Item	Description
Output source	Shows the power supply method.
Output voltage	Shows the real-time output voltage of UPS

Item	Description
Output current	Shows the real-time output current of UPS.
Output frequency	Shows the real-time output frequency of UPS.
Output load	Shows the real-time output load of UPS.
Output true power	Shows the output active power of UPS.

Bypass information

Item	Description
Bypass voltage	Shows the real-time bypass voltage of UPS.
Bypass current	Shows the real-time bypass current of UPS.
Bypass frequency	Shows the real-time bypass frequency of UPS.
Battery true power	Shows the real-time bypass active power.

Battery information

Item	Description
Battery status	Shows if the UPS fault is fault.
Battery voltage	Shows the real-time battery voltage of UPS.
Battery current	Shows the real-time battery current of UPS.
Battery temperature	Shows the real-time battery temperature of UPS.
Battery discharge time	Shows the battery discharge time of UPS.
Remaining time of battery	Shows the remaining time of battery.
Remaining capacity of battery	Shows the remaining capacity of battery.

5.2.4 UPS Real-time Status

It provides the real-time status of the UPS. The data are obtained real time by system, it is made up of system information, input information, output information, bypass information, battery information.

Real-time Status		
System Information	UPS Communication Status	Communication OK
	Remote Shutdown UPS output	N/A
	Remote Shutdown UPS	N/A
	UPS System Off	No
	Charger Abnormal	N/A
	Fan Abnormal	N/A
	Fuse Abnormal	N/A
	Other Faults	No
	Shutdown Pending	No
	Immediate Shutdown	No
	Testing	No
	Diagnostic Test Fail	N/A
Input Information	Input Abnormal	No
	Input Power Pending	N/A
Output Information	Output Abnormal	No
	Output Overload	No
	UPS Output Off	N/A
Bypass Information	On Bypass Mode	No
	Bypass Abnormal	No
Battery Information	Battery Abnormal	N/A
	On Battery Mode	No
	Battery Low Voltage	No

Figure5-11 UPS real-time status

It shows the UPS real-time status (the items, which out of the communication protocol, will show as N/A).

System information

Item	Description
UPS communication status	Shows the real-time communication status of UPS.
Remote shutdown UPS output	Chooses whether to enable the remote shutdown UPS output.
Remote shutdown UPS	Chooses whether to enable the remote shutdown UPS.
UPS system off	Shows whether the system is off.
Charger abnormal	Shows whether the battery charge is abnormal.
Fan abnormal	Shows whether the UPS fan is abnormal.
Fuse abnormal	Shows whether the UPS fuse is abnormal.
Other faults	Shows whether the UPS is fault.
Shutdown pending	Shows whether to enable the UPS shutdown pending.

Item	Description
Immediate shutdown	Shows that the UPS will shut down immediately.
Testing	Shows whether the UPS is testing.
Diagnostic test fail	Shows the diagnostic test status.

Input information

Item	Description
Input abnormal	Shows whether the input of UPS is abnormal.
Input power pending	Shows whether the UPS stay in input power pending status.

Output information

Item	Description
Output abnormal	Shows whether there exit output abnormal of UPS.
Output overload	Shows whether the UPS is overload.
UPS output off	Shows whether the output of UPS is closed.

Bypass information

Item	Description
On bypass mode	Shows whether the UPS is on bypass mode.
Bypass abnormal	Shows whether the bypass is abnormal

Battery information

Item	Description
On battery mode	Shows whether the UPS is on battery mode.
Battery abnormal	Shows whether the UPS battery is abnormal.
Battery low voltage	Shows whether the UPS is low voltage.
Battery use up	Shows whether the UPS battery is used up.

Item	Description
Temperature abnormal	Shows whether the UPS temperature is abnormal.

5.2.5 Module Real-time Status

It provides the real-time status of message. It is made up of Modem real-time status.

Modem real-time status

It includes local Modem mode and remote server mode.

Modem Real-time Status	
Communication Status	Communication OK
Signal Quality	90 %
Modem Manufacturer	Cinterion
Module Mode	MC37iR3
Software Version	REVISION 01.301
Operator	CHINA MOBILE
SMS Service Centre Number	+8613800592500

Figure5-12 Modem real-time status (local Modem mode)

Item	Description
Communication status	Shows the communication status of Modem.
Signal quality	Shows the communication signal quality of Modem.
Modem manufacturer	Shows the manufacturer of Modem.
Module model	Shows the model of Modem.
Software version	Shows the software version of Modem
operator	Shows the name of operator.
SMS service centre number	Shows the SMS service centre number of operator.

Modem Real-time Status	
Server IP Address	192.168.69.8
Port Number	1024
Connection Status	Normal
Communication Status	Communication OK
Signal Quality	100 %
Modem Manufacturer	Cinterion
Module Mode	MC37iR3
Software Version	REVISION 01.301
Operator	CHINA MOBILE
SMS Service Centre Number	+8613800592500

Figure5-13 Modem real-time status (remote server mode)

Item	Description
Server IP address	Shows the SMS server IP address.
Port number	Shows the port number of SMS server.
Connection status	Shows the network connection status of SNMP card and SMS server.
Communication status	Shows the communication status of Modem.
Signal quality	Shows the communication signal quality of Modem.
Modem manufacturer	Shows the manufacturer of Modem.
Module mode	Shows the mode of Modem
Software version	Shows the software version of Modem.
operator	Shows the name of operator.
SMS service centre number	Shows the SMS service centre number of operator.

5.2.6 Chart Display

It displays the main data of UPS by chart, which is easy to observe for administrator. It includes battery capacity, battery temperature, output load and real-time voltage line chart.

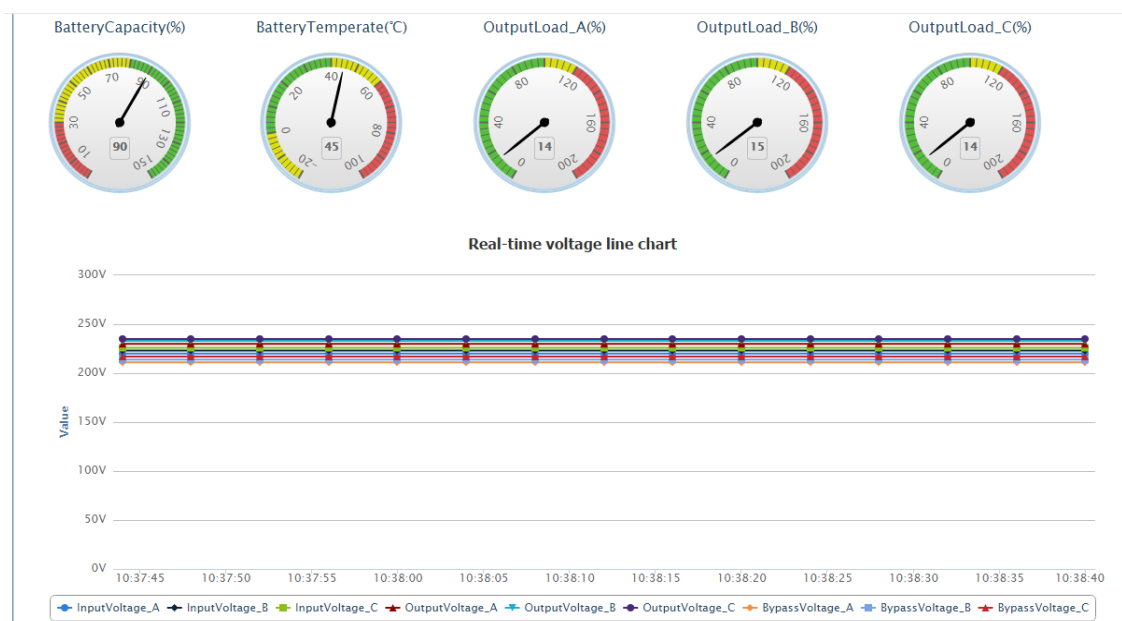


Figure5-14 Chart display

Item	Description
Battery capacity	Shows the battery capacity.
Battery temperature	Shows the battery temperature.
Output load	Shows the output load of UPS. If it is single-phase, it will show in output load_R.
Real-time voltage line chart	Shows the real-time voltage curve of UPS. For single-phase power, it shows input voltage, output voltage, bypass voltage; for three-phase power, it shows input voltage_R, input voltage_S, input voltage_T, output voltage_R, output voltage_S, output voltage_T, bypass voltage_R, bypass voltage_S, bypass voltage_T.

5.3 Setting and Control

It is used to set and control the SNMP card and UPS, including remote control, UPS parameters setting, UPS ON/OFF setting, wake up LAN, network setting, SNMP setting, Email setting, SMS setting, system setting.

5.3.1 Remote Control

It includes UPS selftest and other items, which allow user to test the UPS by remote control. Click the performing test items, click “Apply” icon to carry on the test.

UPS selftest

UPS Selftest	
<input checked="" type="radio"/>	UPS Selftest for 10 Seconds
<input type="radio"/>	UPS Discharge Test <input type="text"/> Minutes(1-99)
<input type="radio"/>	Test Until Low Voltage
<input type="radio"/>	Cancel UPS Test

Figure5-15 UPS selftest

UPS selftest for 10 seconds: UPS performs the discharging test for 10 seconds.

UPS discharge test XX minutes: UPS performs the discharging test according to the setting time.

UPS test until low voltage: UPS performs the discharging test to low voltage.

Cancel UPS test: UPS cancel each performing selftest.

Other items

Other Items	
<input type="radio"/>	UPS Shutdown
<input type="radio"/>	UPS to Standby <input type="text"/> Minutes(1-9999)
<input type="radio"/>	UPS Wake-up from Standby State
<input type="radio"/>	Restart the UPS

Apply

Figure5-16 Other items

UPS shutdown: UPS turn into shutdown status.

the minutes UPS to standby: UPS enter standby status for the minutes you set.

UPS wake-up from standby state: the UPS switch to normal status from standby status.

Restart UPS: UPS perform shutdown then restart again.

5.3.2 UPS Parameters Setting

It includes the UPS parameter, battery parameter, UPS records, UPS selftest, alarm value and port setting.

UPS Parameters		
Manufacturer	<input type="text" value="KEHUA"/>	
UPS Communication Protocol	<input type="text" value="1IN 1OUT/3IN 1OUT"/>	
Number of Batteries	<input type="text" value="16"/>	input range:1~99
Single Cell Voltage	<input type="text" value="12V"/>	
Group of Batteries	<input type="text" value="1"/>	Input range:1-99

Figure5-17 UPS parameters

Manufacturer: select the manufacturer of UPS.

UPS communication protocol: select corresponding UPS communication protocol.

Number of battery: set the battery number.

Group of battery: set the battery group number.

Enable battery management: select “Yes” to enable the battery management, as show in Figure5-18.

UPS Parameters		
Manufacturer	KEHUA ▼	
UPS Communication Protocol	3IN 3OUT ▼	
Number of Batteries	16	Each battery:12V, input range
Group of Batteries	1	Input range:1-99
Enable Battery Management	Yes ▼	Used for calculating the battery capacity and battery remaining time
UPS Rated Power(kVA)	1.0	Input range:0.01-1000
Battery Rated Capacity(Ah)	7	Input range:1-1000
Date of Battery Installation		
Single Battery Full Charge Voltage	13.50	Input range:0.01-99.99
Single Battery End of Discharge Voltage	10.50	Input range:0.01-99.99

Figure5-18 UPS parameters setting

UPS rated power: enter UPS power.

Battery rated capacity: enter battery rated capacity

Date of battery installation: enter the battery replacement time.

Single battery full charge voltage: enter single battery full charge voltage.

Single battery end of discharge voltage: enter single battery end of discharge voltage.



CAUTION

When enable battery management, user needs to provide the above information for SNMP card to calculate. But the calculated battery capacity and remaining discharging time may exist with error for the battery quantity is different and that may differ voltage difference, battery aging, measure error, etc. the calculated data is for reference only. Please use these information with care.

UPS log

UPS Log		
UPS Data Log(Minute)	5	Input range:2-99

Figure5-19 UPS log

UPS data log (minute): set the record interval time of UPS log.

UPS selftest

UPS Selftest		
UPS Testing Interval	<input type="text" value="No Test"/>	
UPS Testing Time Per Week	<input type="text" value="Saturday"/>	
UPS Selftest Time	<input type="text" value=""/>	
UPS Test Type	<input type="text" value="10 Seconds Discharge Test"/> <input type="text" value="1"/> Minutes	Input range:1-99

Figure5-20 UPS selftest

UPS testing interval: set the interval time of test, if it set to “no test”, the following function will close.

UPS testing time per week: set the date of test per week.

UPS selftest time: set the date of selftest per week.

UPS test type: set the test type of UPS.

Alarm setting

Alarm Settings	
UPS Failed to Communicate Over Time	<input type="text" value="30 Seconds"/>

Figure5-21 Alarm setting

UPS failed to communicate over time: set the waiting time for communication break off when it judges the UPS fail to communicate.

Port setting

Port Setting				
	Baudrate	Data Bits	Parity	Stop Bits
UPS	<input type="text" value="2400"/>	<input type="text" value="8"/>	<input type="text" value="No parity"/>	<input type="text" value="1"/>

Figure5-22 Port setting

UPS: the setting data should be in accord with that of UPS.

5.3.3 UPS ON/OFF

It is used to set the schedule for UPS startup and shutdown. After finishing setting, click “apply” to make it tale effect.

Weekly Timing on/off Set		
Date	Start Time	Off Time
Saturday	<input type="text"/>	<input type="text"/>
Sunday	<input type="text"/>	<input type="text"/>
Monday	<input type="text"/>	<input type="text"/>
Tuesday	<input type="text"/>	<input type="text"/>
Wednesday	<input type="text"/>	<input type="text"/>
Thursday	<input type="text"/>	<input type="text"/>
Friday	<input type="text"/>	<input type="text"/>

Figure5-23 Weekly timing on/off set

Date: from Sunday to Saturday.

Start time: set the everyday starting time.

Off time: set the everyday shutdown time.

Special Day on/off Set		
Date	Start Time	Off Time
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

Figure5-24 Special day on/off setting

Date: set the special on/off date.

Start time: set the starting time of special day.

Off time: set the shutdown time of special day.



CAUTION

If you enable the special day on/off setting, the corresponding weekly timing on/off time of that day will be invalid.

Other Setting		
Shutdown UPS Ahead of Time to Send Alarm	<input type="text" value="30 Minutes"/>	
Shutdown after Mains Abnormal	<input type="text" value="No"/> <input type="text" value="30"/> Minutes	
Low Battery Voltage Delay Shutdown	<input type="text" value="No"/> <input type="text" value="1"/> Minutes	
Shutdown after Over-temperature	<input type="text" value="No"/> <input type="text" value="1"/> Minutes	
Shutdown after Overload	<input type="text" value="No"/> <input type="text" value="1"/> Minutes	

Input range: 1~9999

Figure5-25 Other setting

Shutdown UPS ahead of time to send alarm: set the shutdown alarm time in advance.

Shutdown after mains abnormal: set if shut down UPS after mains abnormal and waiting time before shutdown.

Low battery voltage delay shutdown: set if shut down UPS after battery low and waiting time before shutdown.

Shutdown after over-temperature: set if shut down UPS after over-temperature and waiting time before shutdown.

Shutdown after overload: set if shut down UPS after overload and waiting time before shutdown.

5.3.4 Wake on LAN

It is used to wake up the computer in LAN after mains normal. After setting, click “apply” to save the setting.

Wake on LAN		
Wake-up the LAN Computer after Power Restored.		
Remote Port Number	<input type="text" value="9527"/>	Input range:1~65535
MAC address 1	<input type="text" value="Do not wake up"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/>	Legal characters:0-9,a-f,A-F.
MAC address 2	<input type="text" value="Do not wake up"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/>	
MAC address 3	<input type="text" value="Do not wake up"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/>	
MAC address 4	<input type="text" value="Do not wake up"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/>	
MAC address 5	<input type="text" value="Do not wake up"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/>	
MAC address 6	<input type="text" value="Do not wake up"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/> <input type="text" value="00"/>	

Figure5-26 Wake on LAN

Remote port number: set the remote port number (range 1~65535), and the setting cannot conflict with others.

MAC address (1~6): select the computer MAC address which needs to be woke up, click apply.



CAUTION

If using LAN wake up function, please ensure if the main board of woke up computer supports the function and enable the setting “Wake up by LAN” or other similar items.

5.3.5 Network Setting

It provides network setting of SNMP card and account assign and authority setting. After setting, click “apply” to save the setting.

Connection Status	
IP Access Method	DHCP Automatically Set ▼
IP Address	192.168.69.34
Subnet Mask	255.255.255.0
Gateway Address	192.168.69.1

DNS Server IP Address	
Primary DNS Server IP Address	192.168.52.10
Secondary DNS Server IP Address	192.168.52.2

Figure5-27 Connection status

Connection status

IP access method: if it is set to DHCP automatically set, the SNMP card will obtain data automatically. If it is set to manual setting, it needs to set the following parameters.

IP address: set IP address.

Subnet mask: set subnet mask.

Gateway address: set gateway address.



CAUTION

If the IP address is reset, please use the setting IP address to login.

DNS server IP address

If the IP access method is DHCP automatically set, the SNMP card will obtain data automatically. If it is set to manual setting, you should set the following parameters manually.

Primary DNS server IP address:

Set the primary DNS server IP address.

Secondary DNS server IP address:

Set the secondary DNS server IP address.



CAUTION

If the server prohibits setting the IP address or there is no DHCP server, it will not obtain IP automatically. While using the function, please confirm the network environment.

Remote login

Remote Login Page			
User Name	Password	Permissions	IP Address Management
<input type="text" value="admin"/>	<input type="password" value="****"/>	<input type="text" value="Read/write"/>	<input type="text" value="****"/>
<input type="text"/>	<input type="password"/>	<input type="text" value="Readable"/>	<input type="text" value="****"/>
<input type="text"/>	<input type="password"/>	<input type="text" value="Readable"/>	<input type="text" value="****"/>
<input type="text"/>	<input type="password"/>	<input type="text" value="Readable"/>	<input type="text" value="****"/>
<input type="text"/>	<input type="password"/>	<input type="text" value="Readable"/>	<input type="text" value="****"/>
<input type="text"/>	<input type="password"/>	<input type="text" value="Readable"/>	<input type="text" value="****"/>
<input type="text"/>	<input type="password"/>	<input type="text" value="Readable"/>	<input type="text" value="****"/>
<input type="text"/>	<input type="password"/>	<input type="text" value="Readable"/>	<input type="text" value="****"/>

Figure5-28 Remote login page

It sets the administrator's account and distributes the authority.

User name: distributes the user name of SNMP card.

Password: sets the user password.

Permissions: sets the user's authority. If it is set to no authority, user will lose the login authority.

IP address management: if is set to *.*.*, administrator can login and visit SNMP card in the IP address of current network segment; if it is set to specific IP, user can login in the specific IP address only.



CAUTION

If all users are deleted, user will not login the SNMP card. If cannot login SNMP card by misoperation, please contact supplier.



CAUTION

If the permissions of all users are set to no authority, user will not login SNMP card, please set the permission with care. If cannot login SNMP card by misoperation, please contact supplier.

5.3.6 SNMP Configuration

The data in this page are used to connect with the software of SNMP webmaster. The setting parameters in this page are used to connect with SNMP webmaster and match with WiseClose, WiseFind in the CD of SNMP card. After setting, click “apply” to save the setting.

SNMP Configuration				
Community	SNMP Port	Trap Receiving Port	Trap Sending Type	
public	161	162	RFC1628 ▼	

Trap Notice				
Community String: can not communicate with host by different community string				
IP Address of the Recipient	Community	Engine ID	v1/v2 Receive	v3 Receive
	public		<input type="checkbox"/>	<input type="checkbox"/>
	public		<input type="checkbox"/>	<input type="checkbox"/>
	public		<input type="checkbox"/>	<input type="checkbox"/>
	public		<input type="checkbox"/>	<input type="checkbox"/>
	public		<input type="checkbox"/>	<input type="checkbox"/>
	public		<input type="checkbox"/>	<input type="checkbox"/>
	public		<input type="checkbox"/>	<input type="checkbox"/>
	public		<input type="checkbox"/>	<input type="checkbox"/>

Figure5-29 SNMP configuration

SNMP Configuration

Community: set the community name, and the name should be as the same as that of upper computer, or, it will not communicate properly.

SNMP port: set the SNMP port.

Trap receiving port: set the trap receiving port.

Trap sending type: set the trap sending type according pull-down list, at present, it only supports RFC1628 protocol.

Trap notice

IP address of the recipient: set the IP address of upper computer recipient.

Community: set the name of community, and the setting should be as the same as that of upper computer, or it will not communicate properly.

Engine ID: set the Engine ID and the setting should be as the same as that of upper computer, or it will not communicate properly.

Receive: it will take effect after checked.

Permission setting

Permission Setting		
Authorized IP Address	Community	Permission
192.168.69.3	public	Read/write
192.168.69.6	public	Read/write
	public	No Permission
	public	No Permission
	public	No Permission
	public	No Permission
	public	No Permission
	public	No Permission

Figure5-30 Permission setting

Authorized IP address: set the authorized IP address.

Community: set the name of community, and the setting should be as the same as that of upper computer, or it will not communicate properly.

Permission: set the permission of visited IP.

V3 user configuration

V3 User Configuration(passwords will contain at least (8) characters in length)					
User Name	Authentication Method	Confirm Password	Encryption Method	Encrypted Password	Permission
user01	MD5	*****	DES	*****	Read/write
	MD5		DES		No Permission
	MD5		DES		No Permission
	MD5		DES		No Permission
	MD5		DES		No Permission
	MD5		DES		No Permission
	MD5		DES		No Permission
	MD5		DES		No Permission

Figure5-31 V3 user configuration

There has 3 safety level, they are no Auth No Rriv, auth No Rriv, authRriv.

No Auth No Rriv: Authentication method is that the confirm password and encrypted password is empty.

AuthNoRriv: Authentication method is that the confirm password is not empty and encrypted password is empty.

AuthRriv: Authentication method is that the confirm password and encrypted password is not empty.

User name: set the user name of SNMPV3

Authentication method: set the authentication method, and it can be set to MD5 and SHA.

Confirm password: set the confirm password, and the password should be no less than 8 characters.

Encryption method: set the encryption method, and it can be set to DES and AES128.

Encrypted password: set the encrypted password, and the password should be no less than 8 characters.

Permission: set the authority of V3 user.



CAUTION

When using the SNMP configuration module, if user is non-professional person, please read the manual carefully or consult professional person. Once set the module improperly, the module will not be used. If any question, please consult the supplier.

Context setting

Context Setting			
Context	SNMP version	Community	IP address
<input type="text"/>	v1 ▼	<input type="text"/>	<input type="text"/>
<input type="text"/>	v1 ▼	<input type="text"/>	<input type="text"/>
<input type="text"/>	v1 ▼	<input type="text"/>	<input type="text"/>
<input type="text"/>	v1 ▼	<input type="text"/>	<input type="text"/>
<input type="text"/>	v1 ▼	<input type="text"/>	<input type="text"/>
<input type="text"/>	v1 ▼	<input type="text"/>	<input type="text"/>
<input type="text"/>	v1 ▼	<input type="text"/>	<input type="text"/>
<input type="text"/>	v1 ▼	<input type="text"/>	<input type="text"/>

Figure5-32 Context setting

The function is used to obtain the data of other SNMP card.

Context: set the context to communicate with upper computer.

SNMP version: select SNMP version.

Community: set the communication community.

IP address: set the IP address of SNMP card.

5.3.7 Email Setting

The page is mainly used to send the data or events, detected by SNMP card, to the Email of administrator immediately. After setting, click “apply” to save the setting.

Email Setting	
Email Server	192.168.69.10
Email Ports	25
Email Address Sender	kehua@kehua.com
Email Transmission is Encrypted Using SSL	Yes ▼
Use Password Authentication	Yes ▼
Email Account	kehua@kehua.com
Email Password	*****

Figure5-33 Email setting

Email server: set the server address of sent Email.

Email port: set the SMTP port of sent Email. (note: SMTP port should be in accord with the Email server).

Email address sender: set the sending Email address.

Email transmission is encrypted using SSL: set whether use SSL encrypted to transfer message email (note: it needs that the Email server supports SSL encrypted.).

Use password authentication: set if the Email server needs password authentication (note: it needs that the email server supports account and password to login).

Email account: when the email server needs account checking, enter the email account.

Email password: when the email server needs account checking, enter the email password.



CAUTION

Before use, please confirm that the email of sender enable SMTP service, which is to avoid the email alarm function cannot be used properly.

Email address of recipient (receiving the event log available)

Email Address of Recipient(Receiving the Event Log Available)		
Email Sent When the Event Occurs, Warning	Yes ▼	
Account1	kehua@kehua.com	Event Set
Account2	kecan@kecan.com	Event Set
Account3		Event Set
Account4		Event Set
Account5		Event Set
Account6		Event Set
Account7		Event Set
Account8		Event Set

Figure5-34 Email address of recipient (receiving the event log available)

Email sent when the event occurs warning: when set to “Yes”, the function is available.

Account (1~8): this row is used to enter the sender email.

Event set: click it to enter event setting.

All Yes	All No	UPS Event
<input type="radio"/>	<input type="radio"/>	Battery Abnormal
<input type="radio"/>	<input type="radio"/>	On Battery Mode
<input type="radio"/>	<input type="radio"/>	Battery Low Voltage
<input type="radio"/>	<input type="radio"/>	Battery Useup
<input type="radio"/>	<input type="radio"/>	Temperature Abnormal
<input type="radio"/>	<input type="radio"/>	Input Abnormal
<input type="radio"/>	<input type="radio"/>	Output Abnormal
<input type="radio"/>	<input type="radio"/>	Output Overload
<input type="radio"/>	<input type="radio"/>	On Bypass Mode
<input type="radio"/>	<input type="radio"/>	Bypass Abnormal
<input type="radio"/>	<input type="radio"/>	Remote Shutdown UPS output
<input type="radio"/>	<input type="radio"/>	Remote Shutdown UPS
<input type="radio"/>	<input type="radio"/>	Charger Abnormal
<input type="radio"/>	<input type="radio"/>	UPS Output Off
<input type="radio"/>	<input type="radio"/>	UPS System Off
<input type="radio"/>	<input type="radio"/>	Fan Abnormal
<input type="radio"/>	<input type="radio"/>	Fuse Abnormal
<input type="radio"/>	<input type="radio"/>	Other Faults
<input type="radio"/>	<input type="radio"/>	Diagnostic Test Fail
<input type="radio"/>	<input type="radio"/>	Communication Interrupt
<input type="radio"/>	<input type="radio"/>	Input Power Pending
<input type="radio"/>	<input type="radio"/>	Shutdown Pending
<input type="radio"/>	<input type="radio"/>	Immediate Shutdown
<input type="radio"/>	<input type="radio"/>	Testing
<input type="radio"/>	<input type="radio"/>	Temperature Exceed The Preset Limit Value
<input type="radio"/>	<input type="radio"/>	Humidity Exceed The Preset Limit Value
<input type="radio"/>	<input type="radio"/>	Schedule Shutdown Event

Figure5-35 Event setting

Select the receiving events, click “apply” to save the setting. Click “back” to return email setting page.

Email Address of Recipient(Receiving Daily Report Available)	
Daily Reports Sent on Time	Yes ▼ 12:00
Account1	<input type="text"/>
Account2	<input type="text"/>
Account3	<input type="text"/>
Account4	<input type="text"/>

Figure5-36 Email address of recipient (receiving daily report available)

Daily reports sent on time: set to “yes” to enable the function. And set the sending time in date box.

Account (1~4): set the email of recipients.

Test set

Test Set	
Test E-mail Recipient	<input type="text"/> <input type="button" value="Send Email"/>

Figure5-37 Test set

Test e-mail recipient: enter the testing email of receiving email, click “send email” to test the setting.



CAUTION

The language of receiving mailbox should be in accord with that of SNMP card. If inconformity, it may cause the sending email messy code.

5.3.8 SMS Setting

The page is mainly used to send the data or events, detected by SNMP card to the administrator by phone message. After setting, click “apply” to save the setting.

SMS setting

Connection mode: it can be set to remote server or local server.

- Remote server

SMS Setting	
Connection Mode	Remote Server ▼
SMS Server IP	192.168.69.10
Server Port	1024
Use Password Authentication	Yes ▼
Server User Name	admin
Server Password	*****

Figure5-38 SMS setting (remote server)

SMS server IP: set the IP address of message sending server.

Server port: set the port of message sending server.

Use password authentication: select whether to use password authentication

Server user name: set the server account of message sending server.

Server password: set the corresponding account password of message sending server.

- Local modem

SMS Setting	
Connection Mode	Local Modem ▼
Modem Port	Baud Rate 9600 ▼ Data Bit 8 ▼ Verification Mode No Parity ▼ Stop Bit 1 ▼

Figure5-39 SMS setting (local modem)

Model port: the setting data should be in accord with connected UPS.

Phone number to receive event notifications

Phone Number to Receive Event Notifications			
Phone Number: "Country Code + Phone Number", for example: Chinese mobile number is 13333333333 and country code is 86, so the phone number is 86133333333333.			
Event Set: Click to set the received alarm event types.			
When the Event Occurs to Send Short Message Alarm	Yes ▼		
Phone Number1	8611111110086	Event Set	Enable Control ▼
Phone Number2	8623333333333	Event Set	Enable Control ▼
Phone Number3	8613337845818	Event Set	Enable Control ▼
Phone Number4		Event Set	Disable Control ▼
Phone Number5		Event Set	Disable Control ▼
Phone Number6		Event Set	Disable Control ▼
Phone Number7		Event Set	Disable Control ▼
Phone Number8		Event Set	Disable Control ▼

Figure5-40 Phone number to receive event notifications

When the event occurs to send short message alarm: set to “yes” to enable the function.

Phone number(1~8): set the administrator's phone number.

Event set: click “event set” to enter event setting page, select the received events and click “apply” to confirm the setting. Click “back” to return SMS setting page.

All Yes	All No	UPS Event
<input type="radio"/>	<input type="radio"/>	Battery Abnormal
<input type="radio"/>	<input type="radio"/>	On Battery Mode
<input type="radio"/>	<input type="radio"/>	Battery Low Voltage
<input type="radio"/>	<input type="radio"/>	Battery Useup
<input type="radio"/>	<input type="radio"/>	Temperature Abnormal
<input type="radio"/>	<input type="radio"/>	Input Abnormal
<input type="radio"/>	<input type="radio"/>	Output Abnormal
<input type="radio"/>	<input type="radio"/>	Output Overload
<input type="radio"/>	<input type="radio"/>	On Bypass Mode
<input type="radio"/>	<input type="radio"/>	Bypass Abnormal
<input type="radio"/>	<input type="radio"/>	Remote Shutdown UPS output
<input type="radio"/>	<input type="radio"/>	Remote Shutdown UPS
<input type="radio"/>	<input type="radio"/>	Charger Abnormal
<input type="radio"/>	<input type="radio"/>	UPS Output Off
<input type="radio"/>	<input type="radio"/>	UPS System Off
<input type="radio"/>	<input type="radio"/>	Fan Abnormal
<input type="radio"/>	<input type="radio"/>	Fuse Abnormal
<input type="radio"/>	<input type="radio"/>	Other Faults
<input type="radio"/>	<input type="radio"/>	Diagnostic Test Fail
<input type="radio"/>	<input type="radio"/>	Communication Interrupt
<input type="radio"/>	<input type="radio"/>	Input Power Pending
<input type="radio"/>	<input type="radio"/>	Shutdown Pending
<input type="radio"/>	<input type="radio"/>	Immediate Shutdown
<input type="radio"/>	<input type="radio"/>	Testing
<input type="radio"/>	<input type="radio"/>	Temperature Exceed The Preset Limit Value
<input type="radio"/>	<input type="radio"/>	Humidity Exceed The Preset Limit Value
<input type="radio"/>	<input type="radio"/>	Schedule Shutdown Event

Back Apply

Figure5-41 Event setting page

UPS control: you can select enable UPS control and disable UPS control in pull-down list. If selecting enable UPS control, you can send remote control command to UPS by phone, detailed commands are as follows:

S1: selftest for 10S

S2+NN: UPS discharge test for N min

S3: UPS discharge to low-voltage

S4: cancel UPS test

S5: shut down UPS power

S6+NNNN: let the UPS keep sleepy for XXXX minutes

S7: wake up the UPS from sleepy

S8: restart UPS

Test Set	
Test Message Recipient Mobile Phone No.	<input type="text"/>
<input type="button" value="Send SMS"/>	

Figure5-42 Test set

Test message recipient mobile phone No.: enter the test phone number in the box, click “send SMS” to start the test.



CAUTION

The signal quality of sent message is related to the network environment of message module and the operator. Please ensure that the operator and network environment is normal, which is to ensure the module function can work normally.

5.3.9 System Setting

The page is to set the basic information of system. After setting, click “apply” to save the setting.

System Config		
System Name	System Administrator	System Location
<input type="text" value="Name"/>	<input type="text" value="Admin"/>	<input type="text" value="Location"/>
<input type="button" value="Apply"/>		

Figure5-43 System configuration

System name: set the system name.

System administrator: set the administrator of the system.

System location: set the system location.



CAUTION

Above settings can be Chinese, Chinese traditional, English. Due to the problem of operating system and browser language environment, the display may exit messy code. It is suggested that using English as the international common language.

Internet Time	
<small>Note: Change the system time may cause some records are missing, please carefully set!</small>	
Auto Update Interval	12 Hours
Time Server	Web time.nist.gov
Apply	

Figure5-44 Internet time

Auto update interval: set the interval time of auto update.

Time server: after checked web, it can choose corresponding different internet time; if choose custom, user can adjust the time according to time server.

Time and Date	
System Time	2015-09-02 11:20:58 Adjust the System Time
Timezone	GMT+8:00 Change the Time Zone
Regulate Time by DST	No

Figure5-45 Time and date

System time: set the system time of SNMP card, click “adjust the system time” to make it take effect.

Time zone: set the time zone of SNMP card, click “change the time zone” to make it take effect.

Regulate time by DST: select whether use the DST.

Language Setting	
<small>Note: If you have disabled in your browser's cookies, the below settings will not work!</small>	
Interface Language English	Email and SMS Language English
Apply	

Figure5-46 Language setting

Interface language: set the interface language. At present, there are 3 options: Chinese, Chinese traditional, English.

Email and SMS language: At present, there are 3 options: Chinese, Chinese traditional, English.

5.4 Log Query

It provides the query for event log, SMS log and UPS data.

5.4.1 Event Log

The page can look up and export happened event logs.

Event Log

Query Date

Date/Time	Event Description
2015/09/02 09:37:10	Bypass Supply Off
2015/09/02 09:36:50	On Bypass Mode
2015/09/02 09:36:49	Communication Recovery
2015/09/02 08:41:49	Module 1 Humidity Exceed The Preset Limit Value
2015/09/02 08:41:49	Module 1 Temperature Exceed The Preset Limit Value
2015/09/02 08:41:49	Communication Interrupt
2015/09/01 20:19:31	Communication Interrupt
2015/09/01 20:06:37	Input Abnormal
2015/09/01 20:06:37	Battery Low Voltage
2015/09/01 20:06:35	Other Faults
2015/09/01 20:06:30	Module 1 Humidity Exceed The Preset Limit Value
2015/09/01 20:06:30	Module 1 Temperature Exceed The Preset Limit Value
2015/09/01 18:03:30	Input Abnormal
2015/09/01 18:03:30	Battery Low Voltage
2015/09/01 18:03:29	Other Faults

⏮ ⏪ 1 / 12 ⏩ ⏭

Export **Clean** Clear Month ▾

Figure5-47 Event log

Query date: click it to select the query date.

Export: export the event log of current month by Excel.

Clean: clear event log, you can select the clear date in pull-down list.



CAUTION

Once the event log is cleared, the data will not restore, please use the function with care.

5.4.2 SMS Log

The page can look up and export the SMS logs.

SMS Log
Query Date

Date/Time	Phone Number	Event Description	State
2015/09/02 08:42:18	SMS	192.168.69.34-SMS module lost connect	
2015/09/01 20:06:59	SMS	192.168.69.34-SMS module lost connect	
2015/09/01 18:03:53	SMS	192.168.69.34-SMS module lost connect	
2015/09/01 14:52:20	SMS	192.168.69.34-SMS module lost connect	
2015/09/01 13:22:19	SMS	192.168.69.34-SMS module lost connect	
2015/09/01 11:32:25	SMS	192.168.69.34-SMS module lost connect	
2015/09/01 11:31:00	SMS	192.168.69.5-SMS module lost connect	

⏮ ⏪ 1 / 1 ⏩ ⏭ExportClean(Clear Month ▼)

Figure5-48 SMS log

Query date: click it to select the query date.

Export: export the event log of current month by Excel.

Clean: clear event log, you can select the clear date in pull-down list.



CAUTION

Once the SMS log is cleared, the data will not restore, please use the function with care.

5.4.3 UPS Data

The page can look up and export the UPS data logs.

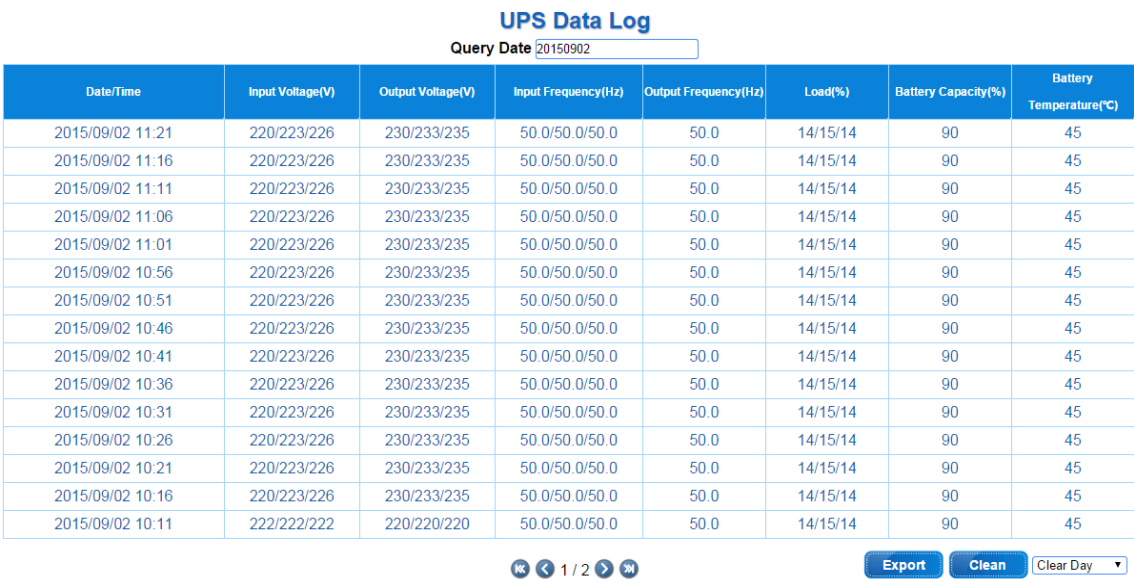


Figure5-49 UPS data log

- Query date: click it to select the query date.
- Export: export the UPS data log of that day by Excel.
- Clean: clear UPS data log, you can select the clear date in pull-down list.



Once the UPS data log is cleared, the data will not restore, please use the function with care.

5.5 Other Functions

The module provides the function of firmware update, port debug and product manufacturer information.

5.5.1 Firmware Update

The page displays the firmware version and update method of the firmware.

Firmware Update

Version	
Firmware Version	KCUPSNET_HWW2.0

Location Update	
Note: To ensure the normal firmware update, please upload correct update package.	
Update File	<input type="text"/> <input type="button" value="Browse"/>
<input type="button" value="Update"/>	

FTP Update	
FTP Server	<input type="text"/> <div style="font-size: x-small; color: gray;">FTP Server must be the IP address or URL format, such as 192.168.6.6 or www.baidu.com.</div>
User Name	<input type="text" value="admin"/> <div style="font-size: x-small; color: gray;">User Name must be a letter, number, or underscore string.</div>
Password	<input type="password" value="****"/> <div style="font-size: x-small; color: gray;">Passwords can't contain the following characters: {&}, [], [], [].</div>
Time of Automatic Update	<div> <input type="button" value="Not automat"/> <input type="button" value="Update"/> </div> <div style="font-size: x-small; color: red;">Note: If the firmware update is successful, the system will reboot.</div>
Manual Update	<input type="button" value="Update"/>
<input type="button" value="Apply"/>	

Figure5-50 Firmware update

Version

Firmware version: show the version information of current firmware.

Location update

Update file: select the folder of location update, click “update” to start the update.

FTP update

FTP server: set the FTP server address for saving the update file.

User name: user name of FTP server.

Password: password of FTP server.

Time of automatic update: set the auto update time. If you choose the "weekly", program will be updated every seven days.

Manual update: click “update” to start to update.



CAUTION

If there needs to use the function of FTP network update, the user network environment must support the FTP server transmission.

**CAUTION**

If there needs to use FTP server to update, it is necessary to put the update files to the root directory of FTP server.

**CAUTION**

If user's network does not support the FTP server transmission, please use location update.

5.5.2 Port Debug

It provides port information display and export function.

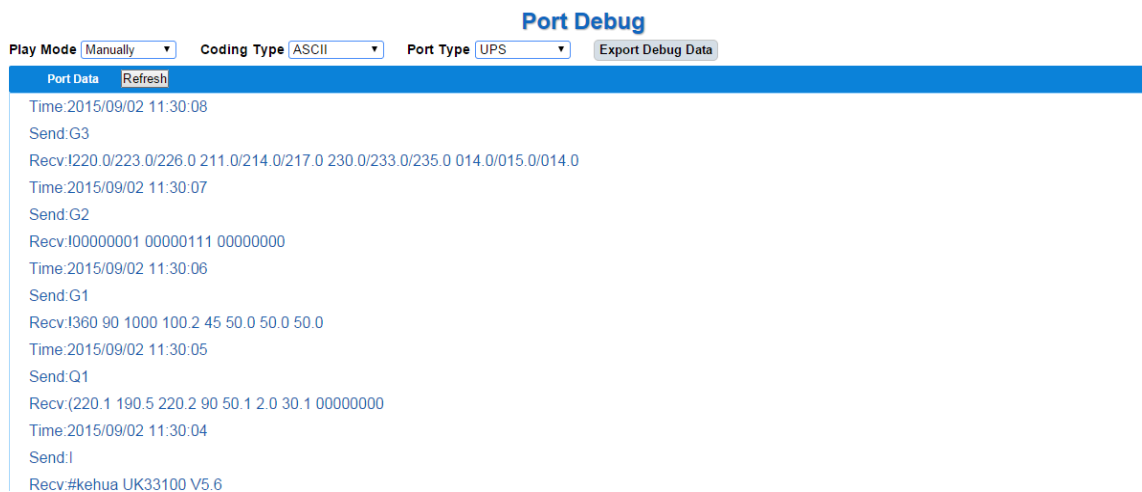


Figure5-51 Port debug

Play mode: it can be set to close, manually and auto mode.

Coding type: it includes ASCII code, hexadecimal.

Port type: it includes: UPS, Modem, System.

Export debug data: click the button to export the debug data by compressed files.

5.6 About

The page includes firmware information of SNMP card and manufacturer information.

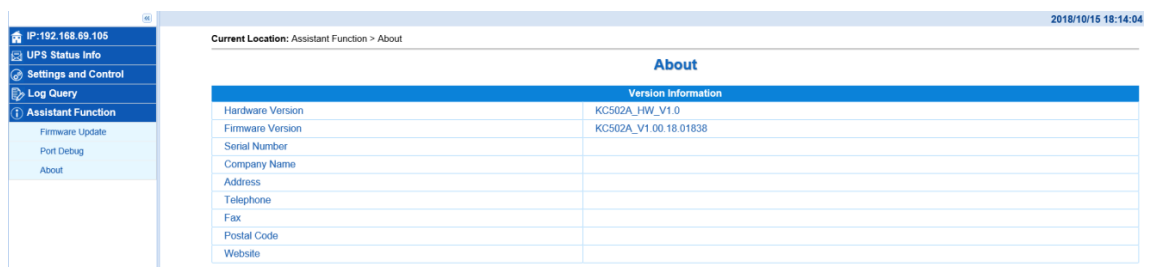


Figure5-52 About

