

Carte SNMP FULL

La carte SNMP Full Interne permet un suivi et une gestion à distance de vos onduleurs. Elle est dotée d'une fonction d'alarme par email ou sms, d'une fonction d'organisation des tâches, d'historique des événements, etc... L'interface graphique, simple et facile à utiliser peut gérer la commande de l'alimentation à distance, le module de charge de batterie, etc..

Fonction du produit :

- Surveillance des réseaux basée sur le WEB.
- Surveillance à distance des onduleurs.
- Planificateur de tâches.
- Fonction d'enregistrement d'historique des données, faciles à analyser pour l'administrateur.
- Capable de gérer le module de commande de l'alimentation à distance via le port RS-422, qui s'adapte RJ45 standard.
- Alarme via E-mails, SMS et numérotation vocale.
- Supporte de nombreux modes de gestion de configuration telles que Telnet Terminal, WWW (navigateur Web), etc.
- Correspondre avec le logiciel IP Power pour réaliser un contrôle centralisé et une gestion unifiée.
- Commande d'arrêt à distance.

Caractéristiques du produit :

- Mode réseau : LAN qui est basé sur IP, Internet, ADSL, WAN, E1, Ethernet sans fil, etc.
- Assure la gestion des autorisations utilisateur.
- Protocole de communication optimale intégré de l'IP, garantit l'acquisition des données en temps réel et fait pleinement usage de bande passante.
- Système Horloge intégré et fonction de synchronisation du temps.
- Prend en charge plusieurs protocoles réseau comme le SNMP, HTTP, DNS, SMTP, SNTP DHCP, etc.
- 2 modules de détection : température et humidité.
- Supporte le module de collecte des données, permet de réaliser le raccordement des capteurs (détecteurs de fumée, détecteur de fuite d'eau, contact de porte, alarme sono-light)
- Supporte le module de contrôle de l'alimentation à distance.
- Supporte le module de climatisation infrarouge
- Supporte le module de charge de la batterie.

ATTENTION :

Lors de votre commande, vous devrez fournir les informations suivantes afin que nous puissions paramétrer votre carte SNMP :

- Adresse IP :
- Gateway :
- MASK :

RÉFÉRENCE COMPATIBLE (avec les références)

30008	30003, 30004, 30005, 30006, 30013, 30014, 30015, 30016
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Carte SNMP FULL

Spécifications techniques

CPU	32 bits ARM basé sur RISC 50 MHz
RAM	Octet de 8 Mo SDRAM
ROM Flash	2M octets Flash
Interface réseau	Réseau de haute vitesse Ethernet 10/100 Mbit/s adaptatif
Interface série	Un port de série RS232 asynchrone à grande vitesse permet de communiquer avec l'onduleur et la console, 1 interface de série RS422 pour développer des équipements
Prise en charge des navigateurs	Internet Explorer, Netscape ou tout autre navigateur compatible.
MIB SNMP	MIB PPC RFC1213, RFC1628,
Protocole réseau	TCP/IP, UDP, SNMP, Telnet, SNTP, HTTP, SMTP, DHCP, DNS, TFTP, ARP, ICMP, PPP
Lumières LED	Statuts, LAN 10/100M Link/Active
DC	8 volts ~ 15 volts
Consommation d'énergie	2/56
Conditions environnementales	température: 0oC ~ 70oC humidité : 10 ~ 80 %
Autre Configuration	Horloge système en temps réel
Mise à jour	Mises à niveau du réseau, mise à niveau des ports série
Système de sécurité	Basé sur IP, filtrage, système de contrôle et de gestion de la protection par mot de passe et identifiant.
Système de sécurité	CE, FCC

Carte SNMP FULL

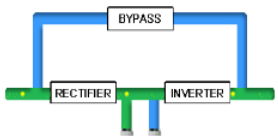
Ci dessous, les copies d'écran du logiciel vous permettent de découvrir en détails les fonctionnalités.

IP:192.168.0.100

- Status Inquiry
- Parameter Settings
- Remote Control
- History Record
- System Help

Input Voltage 223.70 V

Frequency 50.00 Hz



Output Voltage 230.10 V

Output Max Voltage 230.10 V

Output Min Voltage 230.10 V

Current Load 0.00 %

Battery Voltage 27.50 V

Battery Capacity 100.00 %

UPS Temperature 29.10 °C (84.38 F)

Current Running Status			
Connection Status	UPS Online	Working Status	Non-bypass
AC Status	AC Normal	Battery Status	Battery Voltage Normal
Switch Status	Normal Output	Testing Status	No Test
UPS Status	UPS Working Normal	Beep Status	Beeper Turn on
Battery Connect Status	Battery Connect	UPS Load Status	Load Normal

[Help](#)

IP:192.168.0.100

- Status Inquiry
 - System Basic Information
 - 485 Bus Device Information
 - Device Basic Information
 - Current Running Status
- Parameter Settings
- Remote Control
- History Record
- System Help

Basic Information			
System Name		System Current Times	02/05/2014 14:19:40
System Administrator		System Runtime	00:01:59
System Installation Position		Last Self-test Time	
Hardware Version	Ver 5.0-4M-M0-N	Next Self-test Time	
Software Version	Ver6-66-1-28-01 \$Rev: 1185 \$ 16:41:02 Apr 23 2013	Last Switch Off Time	
Product Serial Number	RC-NMIII-00E000008FBC	Next Switch Off Time	

Network Information			
IP Address	192.168.0.100	Primary DNS Server	0.0.0.0
Subnet Mask	255.255.255.0	Secondary DNS Server	0.0.0.0
Gateway	192.168.0.1	Primary Time Server	0.0.0.0
MAC Address	00:E0:00:00:8F:BC	Secondary Time Server	0.0.0.0
Online Method		SMTP Server	

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Basic Information			
Manufacturer		Model	
Type	Online	Version	
Current System Time	02/05/2014 14:25:20		

Battery Information			
Battery Number	0	The Latest Battery Change Time	02/02/2014
Battery Charge Voltage	0.00 V	Battery Used Time	3 Day 14:25:20

Rating Information			
Rating Output Voltage	230.0 V	Rating Battery Voltage	024.0 V
Rating Frequency	50.0 Hz	Rating Current	004 A

Warning Definition Information			
Offline	Inquiry Time	1000 Milliseconds	
	Inquiry Times	3	
Input Voltage	Upper Limit	0.00 V	
	Lower Limit	0.00 V	
Load Upper Limit	0.00 %	Battery Low Electric Level	0.00 V
Temperature Upper Limit	0.00 °C (32.00 F)	Battery Life	02/02/2014

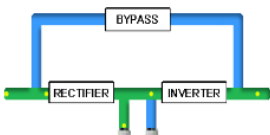
[Help](#)

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- Status Inquiry
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Input Voltage 223.30 V

Frequency 50.00 Hz



Output Voltage 230.10 V

Output Max Voltage 230.10 V

Output Min Voltage 230.10 V

Current Load 0.00 %

Battery Voltage
27.50 V

Battery Capacity
100.00 %

UPS Temperature
32.20 °C (89.96 F)

Current Running Status			
Connection Status 	UPS Online	Working Status 	Non-bypass
AC Status 	AC Normal	Battery Status 	Battery Voltage Normal
Switch Status 	Normal Output	Testing Status 	No Test
UPS Status 	UPS Working Normal	Beep Status 	Beeper Turn on
Battery Connect Status	Battery Connect	UPS Load Status	Load Normal

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Basic Parameter Settings

Communication Protocol	Standard		
Protocol Version	0		
Device Address	1		
Baud Rate:	9600		
Battery Type:			
Battery Number	0	2V	
Battery Charge Voltage	0.00		
Latest Battery Change Time	02/02/2014 M/D/Y		

Warning Definition Settings

Smart Device Control Parameter	Inquiry Time	1000	Milliseconds	Offline Times	3	Online Times	3	AlarmCountPoll	3
Input Voltage	Upper Limit	0.00							
	Lower Limit	0.00							
Load Upper Limit	0.00	Battery Low Electric Level	0.00	(single)					
Temperature Upper Limit	0.00	Battery Life	02/02/2014 M/D/Y						
Battery Offline Low Electric Level	0.00	(single)	Battery Capacity Low Limit	0	%				

Single-phase UPS Alarm Enable ☐ (Expand)

Event	Warning	Switch Off	Switch Off Delay Time(Minute)
AC Power Supply Break	☐	☐	0
UPS Battery Voltage Low	☐	☐	0
UPS Failure	☐	☐	0
UPS Offline	☐	☐	0
UPS Bypass	☐	☐	0
Input Voltage Abnormal	☐	☐	0

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Event	Warning	Switch Off	Switch Off Delay Time(Minute)
AC Power Supply Break	☐	☐	0
UPS Battery Voltage Low	☐	☐	0
UPS Failure	☐	☐	0
UPS Offline	☐	☐	0
UPS Bypass	☐	☐	0
Input Voltage Abnormal	☐	☐	0
UPS Over Load	☐	☐	0
UPS Over Temperature	☐	☐	0
UPS Battery Low Electric Level	☐	☐	0
UPS Battery Overdue	☐	☐	0
UPS Switching Off Status	☐	☐	0
UPS Testing Status	☐	☐	0
Switch Off Task to be Executed	☐	☐	0

OK Cancel

Load Device List

Serial Number	Device Name	IP Address	Operate
1	-	0.0.0.0	Modify
2	-	0.0.0.0	Modify
3	-	0.0.0.0	Modify
4	-	0.0.0.0	Modify
5	-	0.0.0.0	Modify
6	-	0.0.0.0	Modify
7	-	0.0.0.0	Modify
8	-	0.0.0.0	Modify
9	-	0.0.0.0	Modify
10	-	0.0.0.0	Modify

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485 Bus Device Configuration Parameter

485 Bus Device	Inquiry Time Interval	0	Seconds	Offline Times	0
	Respond Await Time	0	Milliseconds	Remote Power Control Module Number	0 (Max 6)
	Enable Bus Collect Card	☐		Temperature and Humidity Module Number	0 (Max 8)
	Enable Battery Module	☐		Infrared Module Number	0 (Max 8)
	Electricity Detected Module Number	0	(Max 8)		

Sound and Light Alarm Channel Configuration

Trigger When Alarm Occurs	Channel 1 ☐	Channel 2 ☐	Channel 3 ☐	Channel 4 ☐	Channel 5 ☐
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Basic Network Settings

MAC Address	00:E0:00:00:8F:BC		
IP Address	192.168.0.100		
Subnet Mask	255.255.255.0		
Gateway	192.168.0.1		
IP Access Method	Manual Setting		

DNS Server Settings

Primary DNS Server	0.0.0.0
Secondary DNS Server	0.0.0.0

Enable Options

☒ Enable SNMP	
☐ Enable GSM	
☒ Enable TELNET	Port 23
☒ Enable HTTP	Port 80
☒ Enable IPPOWER	Password: RICHCOMM Port: 0 (0 is default)
☐ Enable Card to Card	Server: ☐ Client: ☐ 0.0.0.0 (Server IP)

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IP-192.168.0.100

Status Inquiry

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485 Bus Device Information

Device Basic Information

Current Running Status

Parameter Settings

System Settings

485 Bus Device Settings

Network Settings

SNMP Settings

Warning Settings

User Settings

System Time Settings

Remote Control

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Basic Settings

System Name

System Administrator

System Installation Position

Authorization Settings

Authorized IP Address	Community	Authorization
****	public	Readable
****	public	No Authorization
****	public	No Authorization
****	public	No Authorization
****	public	No Authorization
****	public	No Authorization
****	public	No Authorization
****	public	No Authorization
****	public	No Authorization
****	public	No Authorization

TRAP Settings

Receiver IP Address	Community	Receive	Event	type
0.0.0.0		Yes	Select	PPC
0.0.0.0		Yes	Select	PPC
0.0.0.0		Yes	Select	PPC
0.0.0.0		Yes	Select	PPC
0.0.0.0		Yes	Select	PPC
0.0.0.0		Yes	Select	PPC
0.0.0.0		Yes	Select	PPC
0.0.0.0		Yes	Select	PPC

OK Cancel Help

IP-192.168.0.100

Status Inquiry

System Basic Information

485 Bus Device Information

Device Basic Information

Current Running Status

Parameter Settings

System Settings

485 Bus Device Settings

Network Settings

SNMP Settings

Warning Settings

User Settings

System Time Settings

Remote Control

History Record

System Help

EMAIL Settings

SMTP Server

Port

Sender Mailbox

Authorization

User Name

Password

Receiver Settings

	Mailbox	Warning Event	Send Warning	Send Log
Receiver1		Select		
Receiver2		Select		
Receiver3		Select		
Receiver4		Select		
Receiver5		Select		
Receiver6		Select		
Receiver7		Select		
Receiver8		Select		

OK Cancel Help

Mobile Information Configuration

Device Description

Device in Use

Gateway Name

Use Config URL for Sending

User Name

Password

Mobile Receiver Setting

Mobile Number	Warning Event	Times	Interval(Minute)	Confirm
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Receiver Settings

	Mailbox	Warning Event	Send Warning	Send Log
Receiver1		Select	☐	☐
Receiver2		Select	☐	☐
Receiver3		Select	☐	☐
Receiver4		Select	☐	☐
Receiver5		Select	☐	☐
Receiver6		Select	☐	☐
Receiver7		Select	☐	☐
Receiver8		Select	☐	☐

OK Cancel Help

Mobile Information Configuration

Device Description:

Device in Use: Remote Gateway

Gateway Name:

☐ Use Config URL for Sending:

User Name:

Password:

Mobile Receiver Setting

	Mobile Number	Warning Event	Times	Interval(Minute)	Confirm
Receiver1		Select	0	0	☐
Receiver2		Select	0	0	☐
Receiver3		Select	0	0	☐
Receiver4		Select	0	0	☐
Receiver5		Select	0	0	☐
Receiver6		Select	0	0	☐

OK Cancel Help

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WEB/TELNET User Settings

User Name	Password	Authorization
admin	*****	Manage
		Access
		Access
		Access
		Access
		Access
		Access
		Access

IPPOWER User Settings

Authorized IP Address	Subnet Mask	Authorization
	0.0.0.0	Access
	0.0.0.0	Access
	0.0.0.0	Access
	0.0.0.0	Access
	0.0.0.0	Access
	0.0.0.0	Access
	0.0.0.0	Access
	0.0.0.0	Access

OK Cancel Help

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System Current Time 02/05/2014 14:31:50

Manual Reset

System Current Time 02/05/2014 14:31:46 M/D/Y Hour:Minute:Second
Time Zone GMT + 8 : 0 Hour:Minute
OK Cancel

Auto Reset

Primary Time Server 0.0.0.0
Secondary Time Server 0.0.0.0
Auto Refresh Time Interval No Auto Refresh
☐ Instant Refresh
OK Cancel Help

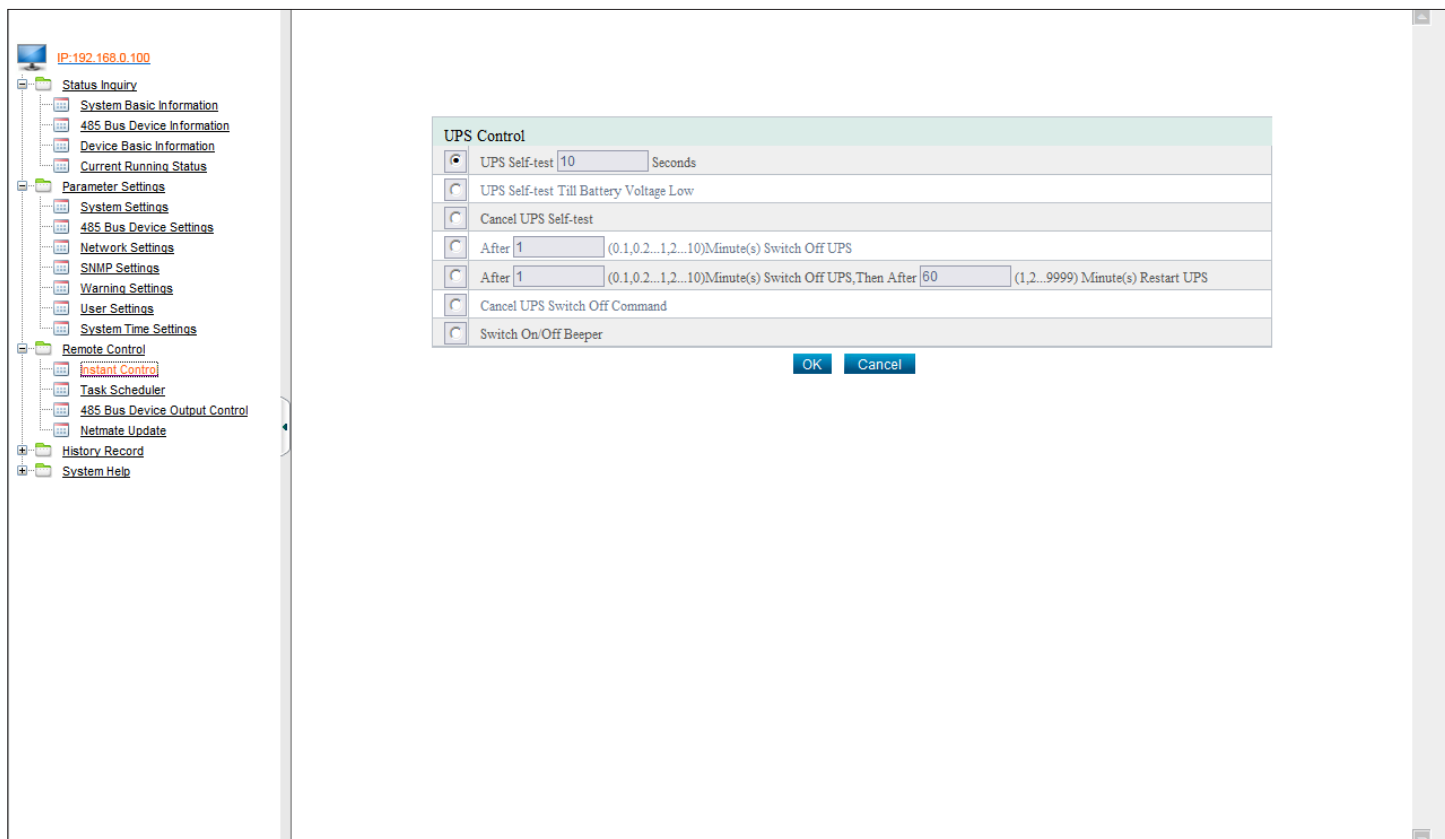
IP:192.168.0.100

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 - System Time Settings
- Remote Control**
 - Instant Control
 - Task Scheduler
 - 485 Bus Device Output Control
 - Netmate Update
- History Record
- System Help

UPS Control

☒ UPS Self-test 10 Seconds
☐ UPS Self-test Till Battery Voltage Low
☐ Cancel UPS Self-test
☐ After 1 (0,1,0,2...1,2...10)Minute(s) Switch Off UPS
☐ After 1 (0,1,0,2...1,2...10)Minute(s) Switch Off UPS,Then After 60 (1,2...9999) Minute(s) Restart UPS
☐ Cancel UPS Switch Off Command
☐ Switch On Off Beeper
OK Cancel

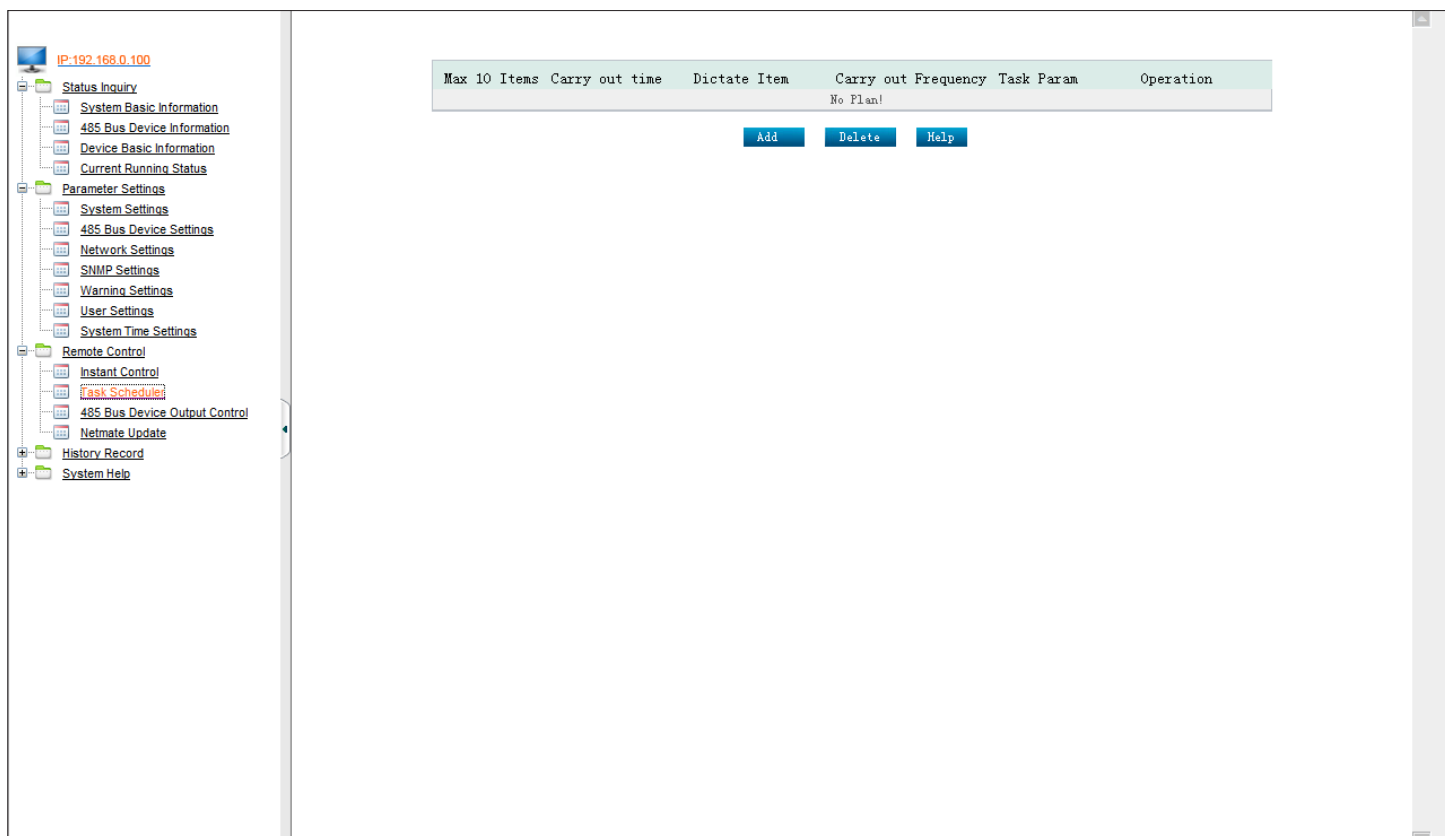
Carte SNMP FULL



The screenshot shows the 'UPS Control' configuration page. On the left is a navigation tree with categories like Status Inquiry, Parameter Settings, Remote Control, History Record, and System Help. The main area contains the following settings:

- ☒ UPS Self-test 10 Seconds
- ☐ UPS Self-test Till Battery Voltage Low
- ☐ Cancel UPS Self-test
- ☐ After 1 (0,1,0,2...1,2...10)Minute(s) Switch Off UPS
- ☐ After 1 (0,1,0,2...1,2...10)Minute(s) Switch Off UPS, Then After 60 (1,2...9999) Minute(s) Restart UPS
- ☐ Cancel UPS Switch Off Command
- ☐ Switch On/Off Beeper

At the bottom right of the configuration area are 'OK' and 'Cancel' buttons.



The screenshot shows the 'Task Scheduler' configuration page. The left navigation tree is identical to the previous screenshot. The main area displays a table with the following headers: 'Max 10 Items', 'Carry out time', 'Dictate Item', 'Carry out Frequency', 'Task Param', and 'Operation'. The table currently contains one entry: 'No Plan!'. Below the table are 'Add', 'Delete', and 'Help' buttons.

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Signal Collect Card Extend Output Control

Control	Route Output After	Second	Turn off	Relay	Description
i	0		Turn off		

Temperature And Humidity Module Extend Output Control

Control	Route Output	Turn off	Description
i		Turn off	

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☐ detect Netmate new version and upgrade

☐ Refresh

The Server IP Address to Save Upgrade Files:

The Time Interval to Test Upgrade Program: Days

Auto Refresh Time: For example: 16:04:06

Update system-----system check code: 9B28A890-67F27A21-A68D5B71-C5FE1716-5C3AA1B5

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First. Previous. Next. Last. Turn to [] Page [Current 1/1 Page Totally Records 7]

Date/Time	Event
02/05/2014 14:24:34	Selfdefine Battery Used Limited
02/05/2014 14:17:56	Enable Speaker
02/05/2014 14:15:46	Enable Speaker
01/31/2014 10:57:19	UPS Input Normal
01/31/2014 10:57:19	Shutdown UPS Active
01/31/2014 10:57:12	UPS Input Failure
01/31/2014 10:56:56	Enable Speaker

Help

Navigation Menu:

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 - System Time Settings
- Remote Control
 - Instant Control
 - Task Scheduler
 - 485 Bus Device Output Control
 - Netmate Update
- History Record
 - History Event Record
 - History Data Record
 - History Data Maintenance
- System Help

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First. Previous. Next. Last Page Turn to Page Current 1/1 Page Totally Records

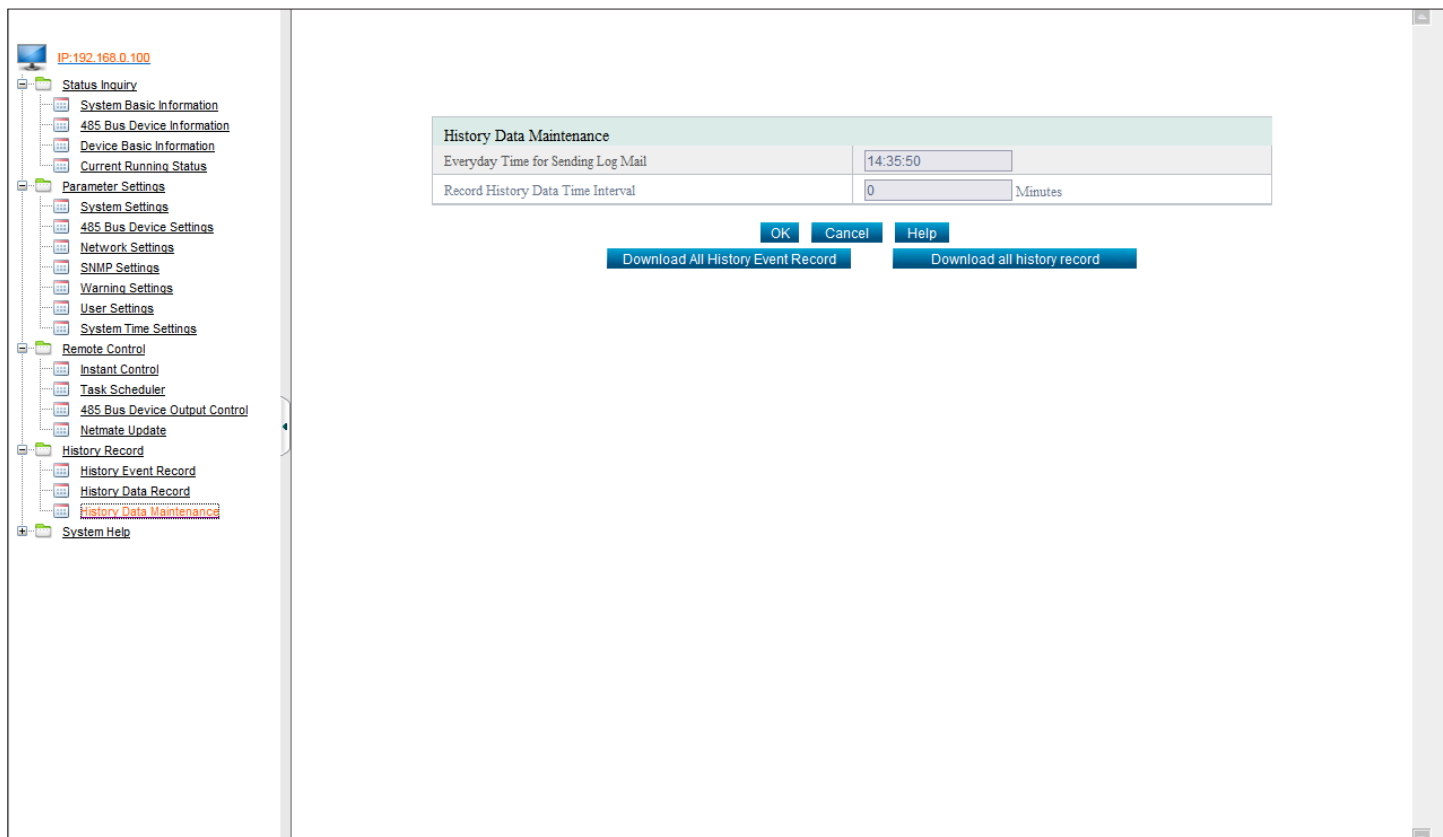
Date/Time	Input Voltage	Output Voltage	Frequency	Load	Capacity	Temperature
Current No History Record!						

Help

Navigation Menu:

- Status Inquiry
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 - Current Running Status
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 - System Settings
 - 485 Bus Device Settings
 - Network Settings
 - SNMP Settings
 - Warning Settings
 - User Settings
 - System Time Settings
- Remote Control
 - Instant Control
 - Task Scheduler
 - 485 Bus Device Output Control
 - Netmate Update
- History Record
 - History Event Record
 - History Data Record
 - History Data Maintenance
- System Help

Carte SNMP FULL




Netmate Web Server Help

[System basic information](#)

The webpage displays Netmate system current basic information and network information. The value displays here will be diverse as the user setting, Netmate and UPS information changed.

Basic information

It displays Netmate system current basic information. "system name", "system administrator" and "system install position" is auto displayed after user setting in the "SNMP config" option in the webpage. The other information are auto responded and displayed by Netmate system. The "current system time" is the system time of Netmate. It can be refreshed by user's setting in the "system time setting" webpage. The "system run time" is the time Netmate already run.

Network information

Displays current network information of Netmate system. "IP address", "Subnet mask", "Gateway", "On-line mode", "main DNS server" and "Sub DNS server" is auto displayed after user setting in "network setting" webpage. "Main DNS server" and "Sub DNS server" is auto displayed after user setting in "system time setting". "SMTP server" is auto displayed after user setting in "warning setting" webpage. "MAC address" is auto responded and displayed by Netmate system.

[UPS basic information](#)

This webpage displays current UPS basic information, battery information, rating information and warning definition information. The value displays here will be diverse as the user setting and UPS information changed.

Basic information

Displays current UPS basic information. "UPS communication protocol" is auto played after user setting according to UPS's actual situation in "UPS setting". The other information are auto responded and displayed by UPS.

Battery information

Displays current UPS battery information. "battery used time" is auto responded and displayed by Netmate system. The other information are auto displayed by user setting according to actual situation in "UPS setting" webpage.

Rating information

Displays current UPS rating information. The information here is auto responded and displayed by UPS.

Warning definition information

Displays current UPS warning definition information. The information here is set by user according to UPS actual situation in "UPS setting" webpage and auto displayed here.

[Current running status](#)

The webpage displays current UPS status and its running status chart. The status and running information will be diverse as the UPS status changed.

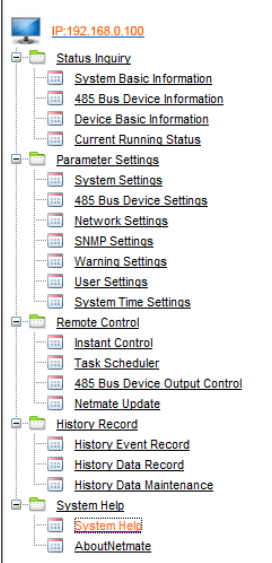
Set current status refresh frequency

The user can set the current status refresh frequency by selecting a certain time in the pull down list. After setting, Netmate will timing fresh current UPS status by set frequency. The defaulted refresh frequency is 10 seconds.

Current status

Displays current UPS status, includes: input voltage, input frequency, output voltage, output max voltage, output min voltage, current load, battery voltage, battery capacity and UPS temperature.

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Current running status
Displays current UPS running status chart. It includes: connecting status(online/offline), running status(invert/bypass), AC power(AC normal/AC break), battery status(battery voltage normal/ low), switch off status(no switch off/ switching off), testing(no testing/testing), UPS status(UPS normal/UPS failed) and speaker(on/off).

UPS setting
This webpage used for setting the basic parameters for UPS, defines warning, UPS warning, switch off setting and add/modify UPS load device.

Basic parameters setting
UPS communication protocol

This is used for setting the communication protocol for the UPS and Netmate network link. Please set according to UPS actual situation. If set wrong, the UPS and Netmate will not be able to normally linked.

Battery number
Set current UPS battery number (refer to the UPS manual)

Battery charge voltage
Set current UPS battery charge voltage (refer to the UPS manual)

Currently battery replace time
Record the latest time for battery replacement.

Warning definition setting
UPS offline inquiry time
This option is for setting the time interval to check whether UPS is offline.

UPS offline inquiry times
This option is for setting the times to check if UPS is offline. When the inquiry results are all "offline", it will be judged as UPS offline and the warning will be sent accordingly.

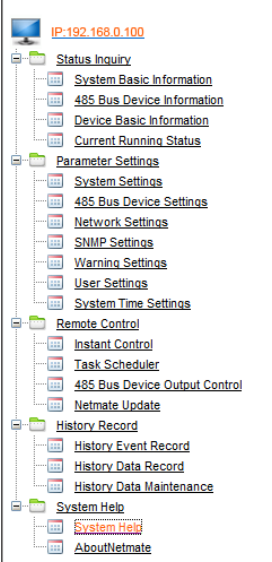
Input voltage upper limit
This option is for setting the current UPS input voltage upper limit. When the UPS input voltage exceeds this upper limit, it is judged to be abnormal UPS input voltage and sending voltage abnormal warning.

Input voltage lower limit
This option is used for setting the lower limit of the UPS input voltage. When UPS input voltage is lower than this limit, it is judged that the input UPS voltage is abnormal and sending the warning accordingly.

UPS load upper limit
This option is used for setting current UPS load upper limit. When the UPS load exceeds this limit, it is judged that the UPS is overload and send warning accordingly.

UPS battery low electric level
This is for setting the UPS battery voltage lower limit. When the UPS battery voltage is lower than this limit, it is judged to be UPS battery low electric level and sending the warning according. **Noted:** The definition for the "UPS battery low electric level" is different from the ordinary "UPS battery low", because the "UPS battery low electric level" is a customized protection value by the user and it's usually higher than the UPS battery low value. UPS battery voltage low is a rating value of the UPS.

UPS temperature upper limit
This is for setting the UPS temperature upper limit. When the UPS temperature exceeds this limit, it's judged to be overtemperature and sending the warning accordingly.



usually higher than the UPS battery low value. UPS battery voltage low is a rating value of the UPS.

UPS temperature upper limit
This is for setting the UPS temperature upper limit. When the UPS temperature exceeds this limit, it's judged to be overtemperature and sending the warning accordingly.

UPS battery life
This is for setting the current UPS battery life. When the UPS battery life exceeds this limit, it will be judged as UPS battery overdue and send warning accordingly.

UPS warning / switch off setting
This is for UPS warning. The user can set here whether to activate the warning functions. The events to be defined here are: AC power cut off, UPS battery voltage low, UPS failed, UPS off line, UPS bypass, input voltage abnormal, UPS overload, UPS overtemperature, UPS battery low electric level, UPS battery overdue, UPS switching off, UPS testing and scheduled shutdown task to be executed.

Load device list
This option displays current UPS load device list, including device name and IP address. The user can add new load device or modify detailed information for a certain load device.

UPS load device
This webpage is used for setting UPS load device detailed information: device name and IP address. After successfully setting, it will displays in the "load device list" in "UPS setting" webpage. Press "Add" button in "load device list" in "UPS setting" webpage, enter this webpage to add new load device; press the "Modify" button of a certain load device, enter this webpage to modify detailed information of this load device.

Network setting
This is for setting required network configuration when Netmate is communicating with UPS. It includes basic network setting, DNS server setting, network communication and enable options.

Basic network setting

MAC address
This option displays MAC address of the current Netmate. The MAC address of the Netmate is configed by the manufacturer and cannot be reconfig by the user.

IP address
This option is for setting IP address of the current Netmate (please config according to the current network environment)

Subnet mask
This option is for setting subnet mask of the current Netmate (please config according to the current network environment)

Gateway
This option is for setting gateway of the current Netmate (please config according to the current network environment)

IP access mode
This option is for setting the IP address access mode for the current Netmate. There is two modes for the Netmate IP address access: DHCP auto access and manual setting. When user selects DHCP auto access, the options "IP address", "Subnet mask" and "Gateway" is gray and become unchangeable; when user select manual setting, the above three options become bright color and changeable.

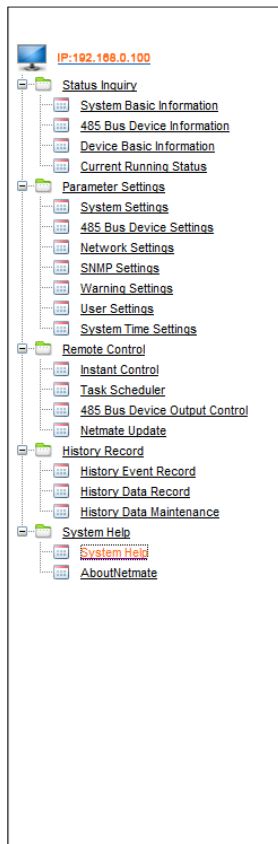
DNS server setting

Main DNS server
This is for setting current Netmate main DNS server and IP address.

Sub DNS server
This is for setting current Netmate sub DNS server IP address, when the main DNS server cannot work normally, the Netmate will point to this sub DNS server IP address.

Network communication

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This is for setting current Netmate sub 22V0 server IP address, when the main 22V0 server cannot work normally, the Netmate will point to this sub 22V0 server IP address.

Network communication

Online way

This option is used for setting current communication speed between Netmate and the network. Netmate has 5 online modes: auto test, 10M Half-duplex, 10M Full-duplex, 100M Full-duplex and 100M Full-duplex.

Enable option

Enable SNMP

This option is for selecting whether to enable SNMP. Whether user is permit to monitor and manage current UPS by SNMP and related SNMP NMS software.

Enable PPP

This option is to select whether to enable PPP, whether the user is permit to log on current Netmate Web Server by PPP.

Enable TELNET

This option is for selecting whether to enable TELNET, whether the user is permit to remote log on current Netmate Web Server through TELNET. After enabling TELNET, the user need to set the port number to log on Netmate Web Server through Telnet.

Enable HTTP

This option is to select whether to enable HTTP, whether the user is permit to log on current Netmate Web Server through WEB browser.

Enable IPPOWER

This option is used to select whether to enable IPPower, whether the user is permit to monitor and manage the current UPS through IPPower software.

SNMP setting

This webpage is used to set the related configuration when Netmate is fixed with SNMP NMS software. It includes: basic setting, authorization setting and TRAP setting.

Basic setting

System name

This option is used for setting current Netmate name.

System administrator

This option is for setting current Netmate administrator.

System install position

This option is for setting current Netmate install position.

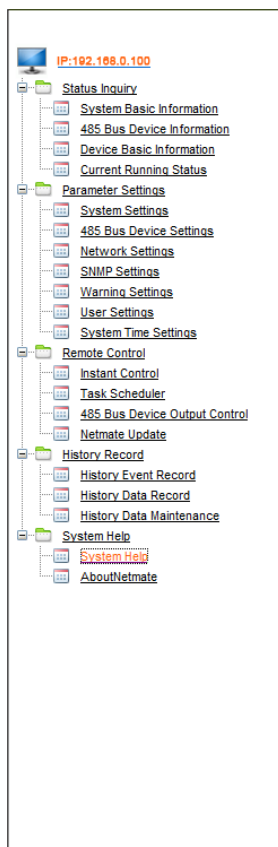
Authorization setting

This option is for setting current Netmate SNMP user IP address, community and its related authorization. 10 SNMP users IP addresses can be set. When the IP address is "**.*.*.*", the current Netmate can be accessed through any IP address in the network. There are 3 kinds of authorization: no authorization, readable and readable/writable. Noted:the name of community must be same as user set in related NMS.

TRAP setting

This option is for setting current Netmate TRAP receiver IP address and community, to select whether to receive TRAP and events to receive. 4 TRAP receivers IP addresses can be set. Noted:the name of community must be same as user set in related NMS.

[UPS warning events](#)



Test

Testing the above email setting, SMS setting and receiver setting.

EMAIL Test

This is for selecting whether to test the above email setting and receiver email address. When it's clicked,the below "Email receiver" will be bright and user can select one or more receivers for Email testing.

EMAIL receiver

This option is for selecting receiver to test email. User can select one or more receivers for Email testing.

The latest test result

This option is for displaying the latest email testing result.

SMS testing

This option is for selecting whether to test the SMS setting and the receiver's mobile. When this option is selected, the "SMS receiver" is bright, and user can select one or more receivers for SMS test.

SMS receiver

This option is for selecting receiver for SMS testing. User can select one or more receivers for testing.

Last test result

This option is for displaying the last SMS testing result.

User setting

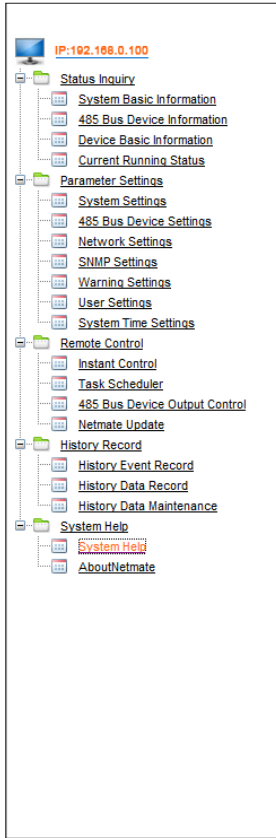
This webpage is for setting the user information to use WEB browser or TELNET logging on Netmate Web Server. And the user information to use IPPOWER managing Netmate. It includes WEB/TELNET user setting and IPPOWER user setting.

WEB/TELNET user setting

This column is used for setting the user information for logging on Netmate Web Server by WEB browser or TELNET, including: user name, password, authorization,IP address and subnet mask. The user name and password is used for identity authorizing when the user is logging on Netmate Web Server. The authorization includes: view, control and management. The view authorization permits user for status inquiry, including view current Netmate system basic information, current UPS basic information and running status and history data status chart; control authorization includes view rights, remote instant and timing control to current UPS, failure resume to current Netmate; administrative authorization includes all functions of view and control authorization, plus parameters setting: UPS setting, network setting, SNMP setting, PPP setting, warning setting and user setting. IP address and subnet mask are used to set the permit network segment for user to log on Netmate Web Server. 8 WEB/TELNET user can be set.

IPPOWER user setting

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SMS service provider

User name

Password

Receiver setting
This is for setting the receiver information. It includes: setting email address for receiving warning and log, setting the mobile for receiving warning, select related warning event(when a certain warning event is selected, after the event happened the warning will be sent to the pointed receiver's email and mobile), select whether to send warning to the receiver's email and mobile and whether to send log to pointed receiver's email. 8 receivers can be set here.

Test
Testing the above email setting, SMS setting and receiver setting.

EMAIL Test
This is for selecting whether to test the above email setting and receiver email address. When it's clicked, the below "Email receiver" will be bright and user can select one or more receivers for Email testing.

EMAIL receiver
This option is for selecting receiver to test email. User can select one or more receivers for Email testing.

The latest test result
This option is for displaying the latest email testing result.

SMS testing
This option is for selecting whether to test the SMS setting and the receiver's mobile. When this option is selected, the "SMS receiver" is bright, and user can select one or more receivers for SMS test.

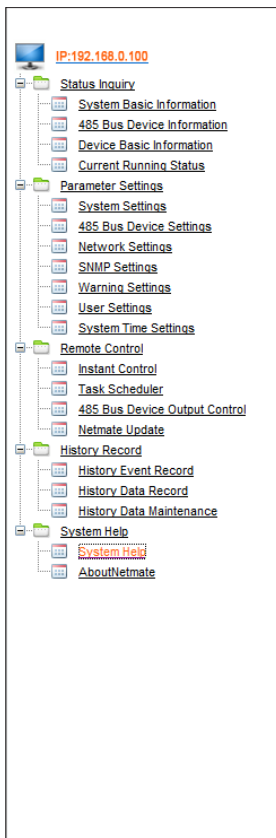
SMS receiver
This option is for selecting receiver for SMS testing. User can select one or more receivers for testing.

Last test result
This option is for displaying the last SMS testing result.

User setting
This webpage is for setting the user information to use WEB browser or TELNET logging on Netmate Web Server. And the user information to use IPPOWER managing Netmate. It includes WEB/TELNET user setting and IPPOWER user setting.

WEB/TELNET user setting
This column is used for setting the user information for logging on Netmate Web Server by WEB browser or TELNET, including: user name, password, authorization, IP address and subnet mask. The user name and password is used for identity authorizing when the user is logging on Netmate Web Server. The authorization includes: view, control and management. The view authorization permits user for status inquiry, including view current Netmate system basic information, current UPS basic information and running status and history data status chart; control authorization includes view rights, remote instant and timing control to current UPS, failure resume to current Netmate; administrative authorization includes all functions of view and control authorization, plus parameters setting: UPS setting, network setting, SNMP setting, PPP setting, warning setting and user setting. IP address and subnet mask are used to set the permit network segment for user to log on Netmate Web Server. 8 WEB/TELNET user can be set.

IPPOWER user setting



WEB/TELNET user can be set.

IPPOWER user setting
This column is used for setting user information for using IPPOWER software to monitor and manage current UPS. It includes: authorized IP address, subnet mask and authorization. The authorized IP address and subnet mask is used for setting the permit network segment for managing Netmate by IPPOWER. The authorization includes: view, control and management. Management authorization permits user to inquire status. Control authorization includes remote instant and timing control to current UPS except for the view authorization. Administrative authorization permits user to set parameters and control Netmate except for the view and control authorization.

System time setting
This webpage is used for refreshing current Netmate system time and two modes are provided here: manual refresh and auto refresh.

System current time
Displays the current Netmate system time. Auto responds and displays here by Netmate system. It can be refreshed by user's configuration below.

Manual refresh setting
This is for select the mode to manually refresh current Netmate system time, thereafter to set the Netmate system time.

System current time
Select this option and the Netmate system time can be set in the following.

Time difference to standard time
This option is to set the time difference between Netmate system and the standard time. After setting the Netmate system time is the previous Netmate system time plus the time difference to the standard time.

Auto refresh setting

Main time server
This is for setting the current Netmate main time server IP address.

Sub time server
This is for setting the current Netmate sub time server IP address. When the main time server can't work normally, the Netmate will auto collate with this time server.

Time interval for auto refresh
This is for setting the time interval for current Netmate system time's auto refreshing.

Instant refresh
This is for selecting whether to instant auto refresh the current Netmate system time.

Instant control
This webpage is for remote instant control current UPS, including UPS self-test, UPS switch on/off and buzzer control.

UPS Self-test
This is for sending instant self-test commands to the UPS. There are 3 commands:

UPS Self-test for X seconds
This option is for controlling the UPS for instant testing for X seconds. The "X" refers to UPS self-test time the user set according to actual situation.

UPS self-test till battery voltage low
This option is for controlling the current UPS instant self-test till battery voltage low.

Cancel UPS self-test

Carte SNMP FULL

IP: 192.168.0.100

- Status Inquiry
 - System Basic Information
 - 485 Bus Device Information
 - Device Basic Information
 - Current Running Status
- Parameter Settings
 - System Settings
 - 485 Bus Device Settings
 - Network Settings
 - SNMP Settings
 - Warning Settings
 - User Settings
 - System Time Settings
- Remote Control
 - Instant Control
 - Task Scheduler
 - 485 Bus Device Output Control
 - Netmate Update
- History Record
 - History Event Record
 - History Data Record
 - History Data Maintenance
- System Help
 - System Help
 - AboutNetmate

Cancel UPS self-test
This is for cancelling current UPS test status.

UPS Switch on/off
This is for sending instant switch off or restart command to current UPS. There are 3 commands:
Switch off UPS after X seconds
This is for controlling the current UPS to auto switch off after X seconds. The "X" is the delay time for the UPS switch off set by the user according to their demand.
Switch off UPS after X seconds, then restart UPS after Y seconds
This option is for controlling the UPS to auto switch off after "X" seconds. Restart after dormancy for "Y" seconds. Here "X" and "Y" refer to the UPS shutdown delay time and dormancy time set by the user according to demand.
Cancel UPS switch off command
This is for the case that when the UPS switch off command or the restart command have been placed and UPS is to be switch off, cancel the shutdown command.

Buzzer control
This option is for controlling the buzzer switch on/off.

Timing control
This webpage displays the customized timing control task, including all tasks's pointed item. Execute time, time length to every execution. The user can press the "Modify" button after the related task and enter the "customize timing control task" webpage to modify current timing control task; user can also press the "Add" button below to enter the "customize timing control task" webpage to add new timing control task; User can also click the "delete" button below to delete finished timing control task and unfinished but timing control task to be stopped.

Customize timing control task
The webpage is for customizing timing control task, including select pointed items, select whether to switch off system before UPS shutdown, select the frequency for demand execution, set the start time and close time for the execution of the setting demand and set the time for sending warning before executing shutdown task.

Dictated item
This is for selecting the dictated items for timing control task, including 4 items:
UPS self-test for X seconds
This is for controlling the current UPS timing selftest for X seconds. The "X" here refers to UPS self-test time the user set according to demand.
UPS self-test till battery voltage low
This is for controlling current UPS timing self-test till battery voltage low.
UPS switch off
This is for controlling the current UPS timing auto switch off.
Dictated time for UPS dormancy
This is for controlling the UPS to timing auto switch off and auto restart after dictated time of dormancy.

Switch off system before UPS switch off
This is for selecting when the timing switch off task executes, whether the UPS will auto switch off system before its shutdown. (This requires the IPPower Client support. The IPPower Client needs to be installed and configed in related system. For more information about IPPower Client, please contact with us)

Execution frequency

IP: 192.168.0.100

- Status Inquiry
 - System Basic Information
 - 485 Bus Device Information
 - Device Basic Information
 - Current Running Status
- Parameter Settings
 - System Settings
 - 485 Bus Device Settings
 - Network Settings
 - SNMP Settings
 - Warning Settings
 - User Settings
 - System Time Settings
- Remote Control
 - Instant Control
 - Task Scheduler
 - 485 Bus Device Output Control
 - Netmate Update
- History Record
 - History Event Record
 - History Data Record
 - History Data Maintenance
- System Help
 - System Help
 - AboutNetmate

be installed and configed in related system. For more information about IPPower Client, please contact with us)

Execution frequency
This option is for setting the timing control task execution frequency. There are 5 different frequency:
Once
UPS will execute timing control task for once and never execute again after the set demand executed time arrives. The timing control task finish.
Everyday
UPS will execute timing control task for once everyday at the set demand executed time.
Everyweek
UPS will execute timing control task for once every week at the set demand executed time.
Every month
UPS will execute timing control task for once every month at the set demand executed time.
X days
UPS will execute timing control task for once every X days at the set demand executed time. The "X" refers to the time interval users set according to demand.

Execute time
This is for setting the start time for demand executing of timing control task.

End time
This is for setting the end time for demand executing of timing control task.
Only when the "UPS dormancy dictated time" item is selected in "dictated items", users can be able to set the end time for the demand execution.

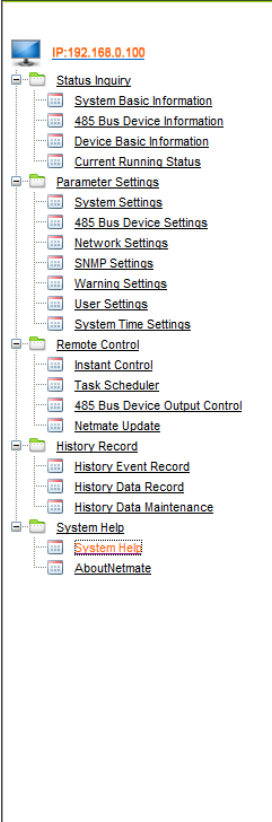
Sending warning X minutes before switch off task execution
This is for setting the time for sending warning before execution of timing shutdown task. After setting, X minutes before the timing switch off task execution (X is the time set by the user), the current Netmate will send out warning for the timing switch off task to be carried.

Netmate failure resume
This webpage is used for selecting the failure resume mode for current Netmate. Netmate provides 4 failure resume modes:
Restart Netmate
Resume Netmate network configuration as exwork configuration
Resume all Netmate configuration as exwork configuration (except for network configuration)
Resume all Netmate configuration as exwork configuration

History event record
This webpage displays all history event record for current UPS by pagination, including history event date/time and content. 25 records are displayed each page and user can press number or "<" and ">" on the webpage to check records in different pages. The max record content for Netmate is 300 items. When it exceeds 300 records, the new record will cover the previous one.

History data record
This webpage displays all history event record for current UPS by pagination, including history event date/time, UPS input voltage, output voltage, frequency, battery content and temperature. The time interval for history data record is set by user in "record history data time interval" from "history data maintenance". 25 records are displayed each page and user can press number or "<" and ">" on the webpage to check records in different pages. The max record content for Netmate is 900 items. When it exceeds 900 records, the new record will cover the previous one.

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Sending warning X minutes before switch off task execution

This is for setting the time for sending warning before execution of timing shutdown task. After setting, X minutes before the timing switch off task execution (X is the time set by the user), the current Netmate will send out warning for the timing switch off task to be carried.

[Netmate failure resume](#)

This webpage is used for selecting the failure resume mode for current Netmate. Netmate provides 4 failure resume modes:

Restart Netmate

Resume Netmate network configuration as exwork configuration

Resume all Netmate configuration as exwork configuration (except for network configuration)

Resume all Netmate configuration as exwork configuration

[History event record](#)

This webpage displays all history event record for current UPS by pagination, including history event date/time and content. 25 records are displayed each page and user can press number or "<" and ">" on the webpage to check records in different pages. The max record content for Netmate is 300 items. When it exceeds 300 records, the new record will cover the previous one.

[History data record](#)

This webpage displays all history event record for current UPS by pagination, including history event date/time, UPS input voltage, output voltage, frequency, battery content and temperature. The time interval for history data record is set by user in "record history data time interval" from "history data maintenance". 25 records are displayed each page and user can press number or "<" and ">" on the webpage to check records in different pages. The max record content for Netmate is 900 items. When it exceeds 900 records, the new record will cover the previous one.

[History data chart](#)

This webpage displays all history data chart for the UPS status. The abscissa is for recording the time for the history data, and the coordinate shows value of all status. Each coordinate has one moveable bar by which user can pull it for checking different chart at different time segment with different value. Press any place in the chart and the "Date/time" option below will display the "date/time" of this recorded point. The status columns will display its value accordingly. Users can also press the check box before status column below chart to decide whether to display the history data chart of this status in the chart.

[History data maintenance](#)

This webpage is for setting the time for sending log mail and time interval for recording history data everyday for Netmate. It provides connection for downloading all history events and history data record.

Time for sending log mail everyday

This is for setting time for sending log mail everyday for Netmate. After successfully setting, Netmate will send to all log mail receivers' mailbox the latest history event record at this set time everyday. (log mail receiver is set by user in "receiver setting" in "warning setting" webpage. The receiver is the one with whom "sending log" option is selected)

Time interval for recording history data

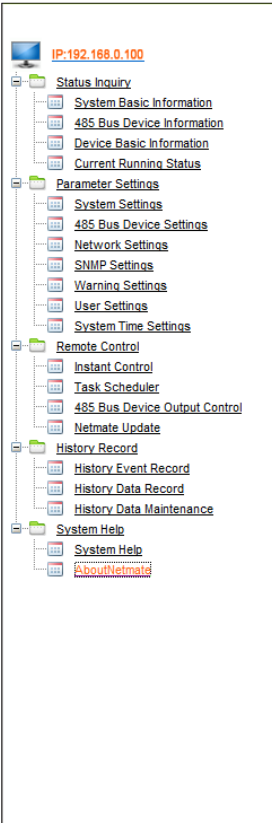
This is for setting time interval for recording history data of the Netmate. After successfully setting, Netmate will record current UPS status by this time interval.

Download all history event records

Press this button to download all history event record for the current UPS.

Download all history data records

Press this button to download all history data record for current UPS.



About	
Hardware Version	Ver 5.0-4M-M0-N
Software Version	Ver6-66-1-28-01 \$Rev: 1185 \$ 16:41:02 Apr 23 2013
Product Serial Number	RC-NMIII-00E000008FBC
Remain Time	0 Days

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