



SNMP-1 Configuration Guide

You must configure the Net Logic Card before it can operate properly.

You have two methods to configure the Net Logic Card: Using telnet or terminal.

Using Telnet

1. Make sure the Net Logic Card is plugged in the UPS properly.
2. Connect a network cable to the LAN connector on the Net Logic Card.
3. Telnet to the Net Logic Card as below:
telnet 192.168.1.254
4. Use *dnpower* for the User Name and for the Password.
5. A Configuration Screen is displayed.

Note: The default IP address of the Card is 192.168.1.254. The default login user name and password are both *dnpower*.

Using Terminal

1. Make sure the Net Logic Card is plugged in the UPS properly.
2. Connect the modem cable to the MODEM connector on the Net Logic Card.
3. Connect a null modem cable to the end of the model cable.
4. Connect the other end of the null modem cable to a serial port on your computer.

.NETpower <---(MODEM cable)---> <---(null modem cable)---> Computer running Terminal program

5. Make sure the serial port is not used by any program on your PC.
6. Run a terminal program, such as HyperTerminal.
7. Configure the serial port for 9600 bps, no parity, 8 data bits, 1 stop bit, and no flow control.
8. Reboot the Net Logic Card.
9. Press ESC key right after reboot. The Card/Box will detect if the user presses a ESC key for 5 seconds. If so, it will allow the user to log in; otherwise, it will try to initialize the external MODEM for other usages. So you have to press the ESC key as quickly as possible. You may keep holding the ESC without releasing it right after the system is started to make sure it will not be too late or missing.
10. Use *dnpower* for the User Name and for the Password.
11. A Configuration Screen is displayed.

Note: The default login user name and password are both *dnpower*.

Configuration Screen

When you enter into the Configuration Screen, the following menu is displayed:

.NETpower SNMP agent adapter Configuration

```
#####  
<#           Main Menu           #>  
#####
```

- 1) SNMP Agent IP Parameter
- 2) MIB-II System Group
- 3) SNMP read/write Access Control
- 4) SNMP Trap Receivers
- 5) UPS Properties
- 6) System Time & Time Server
- 7) User Account
- 8) E-mail Setting
- 9) Environmental Monitoring Module
- w) Web and Telnet Service Setting
- u) Upgrade firmware
- r) Restore Default Configuration Data
- b) Reboot SNMP agent adapter
- s) Save & Reboot
- Exit Without Saving

Enter Choice >>

SNMP Agent IP Parameter

To configure the SNMP agent IP parameters, enter a 1 at the main menu. The following screen will appear allowing you to configure IP address, Subnet Mask and Gateway.

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IP Parameter Setup

```
My IP Address: 192.168.1.254  
Subnet Mask: 255.255.255.0  
Router/Gateway IP Address: 192.168.1.1
```

- 1) Set IP Address
- 2) Set Subnet Mask
- 3) Set Router/Gateway IP Address
- <0> Return to previous menu

Enter Choice >>

MIB-II System Group

Enter a 2 at the main menu, the following screen will be displayed allowing you to configure some important MIB-II System Group items, including system name, contact person and system location.

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MIB-II System Group Setup Menu

Current values for the following MIB-II OID:

sysName: NETpower
sysContact: admin
sysLocation:

- 1) Set sysName
- 2) Set sysContact
- 3) Set sysLocation
- <0> Return to previous menu

Enter Choice >>

SNMP Read/Write Access Control

Enter a 3 at the main menu, the following screen will be displayed allowing you to setup the SNMP Access Control. Enter the community number (from 1 to 4) to specify a community string, an IP address, and the access privilege.

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SNMP Access Control Setup Menu

Community name	IP address	Access
----------------	------------	--------

#1
#2
#3
#4

- 1) Set Access Control #1
- 2) Set Access Control #2
- 3) Set Access Control #3
- 4) Set Access Control #4
- <0> Return to previous menu

Enter Choice >>

SNMP Trap Receivers

Enter a 4 at the main menu, the following screen will be displayed allowing you to setup the SNMP Trap Receivers. The Severity includes Any, Server, Warning and Informational. The Any means any event will be sent to the trap receiver. The Severe means only severe events will be sent to the trap receiver. The Warning means only warning events will be sent to the trap receiver. The Informational means only informational events will be sent to the trap receiver. The Generation item is used to enable or disable trap generation.

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SNMP Trap Receiver Setup Menu

	IP address	Community	Severity	Generation
#1				
#2	192.168.1.2	public	any	disable
#3				
#4				

- 1) Set trap receiver #1
- 2) Set trap receiver #2
- 3) Set trap receiver #3
- 4) Set trap receiver #4

<0> Return to previous menu

Enter Choice >>

UPS Properties

Enter a 5 at the main menu, the following screen will be displayed allowing you to setup the UPS Properties, including UPS Identification Name, UPS Attached Device and Last Battery Replacement Date.

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UPS Properties Setup

UPS Identification Name: UPS
UPS Attached Device: NA
Last Battery Replacement Date: 12/31/1969

- 1) Set UPS Identification Name
 - 2) Set UPS Attached Device
 - 3) Set Last Battery Replacement Date
- <0> Return to previous menu

Enter Choice >>

System Time & Time Server

Enter a 6 at the main menu, the following screen will be displayed allowing you to setup System Time. In this option, you can setup the date and time for the Net Logic Card. The SNTP Server and Time Zone settings are used for time adjustment. Specify the SNTP Server and Time Zone, then choose 4 Adjust System Time to adjust your system time. If the values retrieved from the Internet are not what you want, you can still change the date and time manually .

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System Time & Time Server Setup

System Time: 01/07/2003 11:08:37
Time Server IP Address: 200.49.40.1
Time Zone: 0+

- 1) Set System Time
 - 2) Set Time Server IP Address
 - 3) Time Zone
 - 4) Adjust System Time
- <0> Return to previous menu

Enter Choice >>

User Account

Enter a 7 at the main menu, the following screen will be displayed allowing you to setup user accounts those who can login to the Net Logic Card.

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User Account Setup Menu

User name	Password
#1 dnpower	*****
#2	*****
#3	*****
#4	*****

- 1) Set User Account #1
 - 2) Set User Account #2
 - 3) Set User Account #3
 - 4) Set User Account #4
- <0> Return to previous menu

Enter Choice >>

E-mail Setting

Enter an 8 at the main menu, the following screen will be displayed allowing you to setup SMTP server. You have to setup it correctly so that the .NETpower device can sent out mails when an event occurs.

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Email Parameter Setup

SMTP Server IP Address:

1) Set SMTP IP Address

<0> Return to previous menu

Enter Choice >>

Environmental Monitoring Module

Enter a 9 at the main menu to setup the Environmental Monitoring Module. You have to install Environmental Monitoring Module before setup.

Web and Telnet Service Setting

Enter w at the main menu to enable/disable Web/Telnet service. Enable Web Service when you want to monitor the UPS via a web browser. Enable or disable Telnet Service to specify whether it allows users to login via telnet.

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Web and Telnet Service Setup Menu

Web Service: disable

Telnet Service: enable

1) enable Web Service

2) disable Telnet Service

<0> Return to previous menu

Enter Choice >>

Upgrade Firmware

Enter u at the main menu to upgrade firmware.

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Upgrade firmware

=====

1) Upgrade firmware from tftp server

2) Upgrade firmware from http server

<0> Return to previous menu

Enter Choice >>

When you choose 1, the following screen is displayed asking you to input the tftp server and the filename of the latest firmware. To make it work, you must have a tftp server installed and copy the firmware file to the tftp server.

```
Input the tftp server address >> 192.168.1.1  
Input the file name >> dnpower.bin
```

When you choose 2, the following screen is displayed asking you to input the url pointed to the firmware file. To make it work, you must have a web server installed and copy the firmware file to the web server.

```
Input the URL (Example: http://192.168.1.1/dnpower.bin) >>  
http://192.168.1.1/dnpower.bin
```

Restore Default Configuration Data

To reset the configuration data, enter r at the main menu. When the next menu is displayed, choose 1 to reset all values to their factory default settings, or choose 0 to return to the previous menu without resetting the data.

```
.NETpower SNMP agent adapter Configuration  
  
    Restore default data  
    =====  
  
1) Yes, Do it  
<0> Return to previous menu  
  
Enter Choice >>
```

Reboot SNMP Agent Adapter

Enter b at the main menu to reboot the .NETpower device. All settings will not be saved. When the next menu is displayed, choose 1 to reboot the .NETpower device, or choose 0 to return to the previous menu.

```
.NETpower SNMP agent adapter Configuration  
  
    Reboot  
    =====  
  
1) Yes, Do it  
<0> Return to previous menu  
  
Enter Choice >>
```

Save & Reboot

To save configuration data and reboot, enter s at the main menu. When the next menu is displayed, choose 1 to save configuration data and reboot the .NETpower device, or choose 0 to return to the previous menu.

```
.NETpower SNMP agent adapter Configuration
```

```
Save & Exit
```

```
=====
```

```
1) Yes, Do it
```

```
<0> Return to previous menu
```

```
Enter Choice >>
```

Exit Without Saving

Enter x at the main menu to exit the Configuration Screen.