



UPS COMMUNICATION Web Card

User Manual For Model:
SNMP-INTT-01

WEB CARD OVERVIEW

The UPS Communication Card allows a Marathon Power UPS to directly connect to the Ethernet network and the Internet, supporting real-time monitoring and control of UPSs across the network via a standard Web browser, SNMP-compliant network management system or power management software.

FEATURES

- Web based access to facilitate easy configuration of the UPS
- Real Time UPS Monitoring
- Event and Data Logs
- Event Notifications via Email and TRAP

CAPABILITIES

- Managing the UPS
- Event Notifications
- Remotely Controlling the UPS
- Event and Data Logs
- Firmware upgrading via Web browser and Telnet

NOTIFICATION TYPES

- SMTP Email and TRAP event notifications

NETWORK PROTOCOLS SUPPORTED

- HTTP
- Internet Email (SMTP)
- Internet Time Sync (SNTP)
- Domain Name System (DNS)
- DHCP

SNMP NETWORK MANAGEMENT

- Standard MIB files for UPS/NMS applications
- Supports both SNMP v1 and v2
- RFC 1213 (MIB-II)
- RFC 1628 (UPS MIB), and private UPS extension MIB

NMS SYSTEMS SUPPORTED

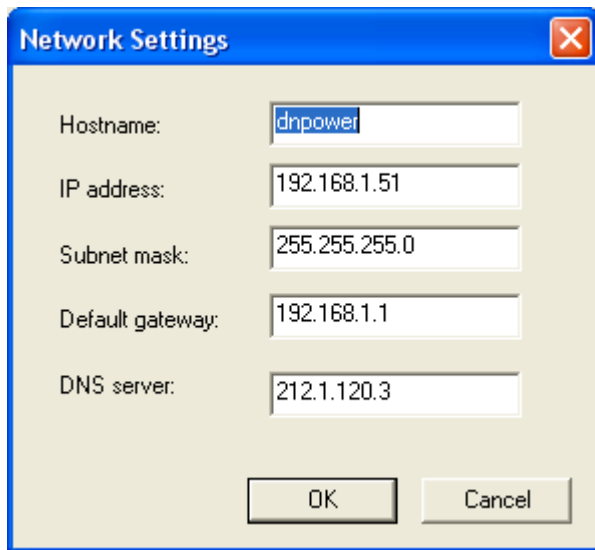
- HP OpenView
- IBM NetView
- Novell NMS
- Sun SunNet Manager
- Other SNMP compatible NMS's

Making the Ethernet Connection

The Ethernet card has an embedded HTML for interface with a web browser via an RJ45 cable connection.

For the initial connection, use either the dnpower.exe (or smconfig.exe) utility program - OR - a direct PC (web browser) to Ethernet card connection using an RJ45 cross-over cable.

Here are the SMTP Card's default settings.



Hostname:	dnpower
IP address:	192.168.1.51
Subnet mask:	255.255.255.0
Default gateway:	192.168.1.1
DNS server:	212.1.120.3

OK Cancel

Before connecting to your SNMP card be sure you have one of the following:

Switch or hub and two Ethernet straight through Ethernet cables.

Computer that has an AutoLink networking port. An AutoLink port will determine if you are connecting to a device that requires a crossover cable or a straight through cable and automatically transmit and receive using the correct connection.

Ethernet crossover cable

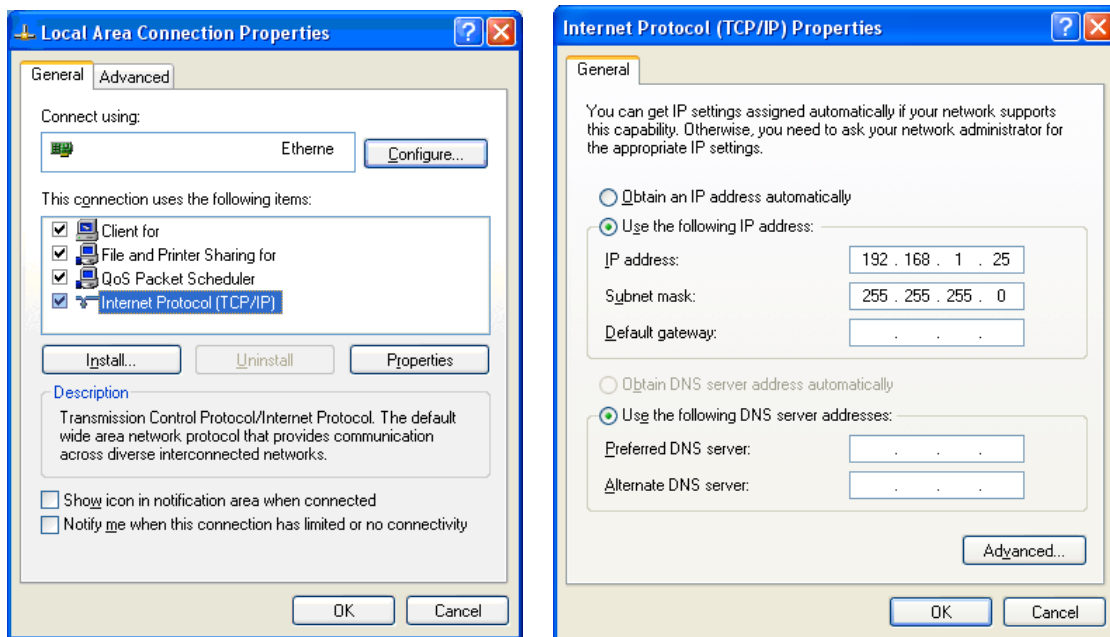
Connecting Directly to the SNTP Card with an RJ45Cable

Please record the settings that are already entered before you change anything. Failure to return these setting back to “normal” could result in you not being able to connect to your usual network.

Set the PC for a fixed IP address 192.168.1.xxx (xxx = 0 to 255 except 51)

Set the PC’s subnet mask for 255.255.255.0

Go to the PC’s Network Connections for these LAN configuration screens.



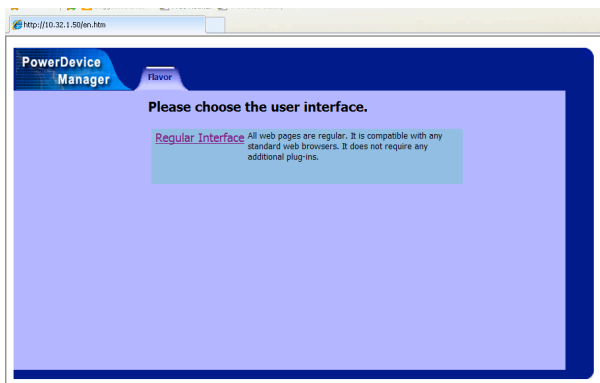
Note - you must have administrator’s access to the PC to access these screens.

Some older PC operating systems require reboot for the changes to take effect. You can verify by running command line “ipconfig”...C:\>ipconfig .

Enter the Ethernet card default IP address **192.168.1.51** in the web browser URL.

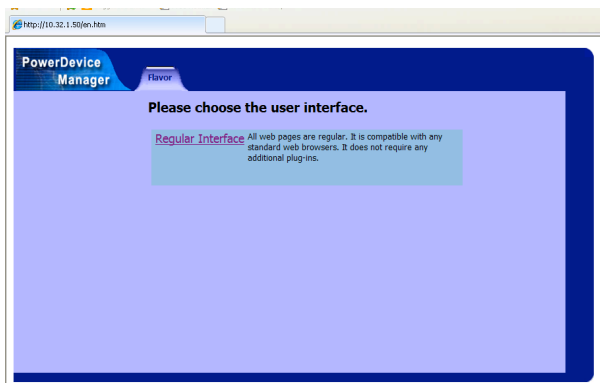


User name: **admin**
Password: **user**



This is the initial screen after entering the login.

Open a web browser and enter the Ethernet card IP address in the web browser URL



This is the initial screen after entering the login.
Click on “ Regular Interface”

Home – Summary Information

The screenshot shows the PowerDevice Manager interface. The top navigation bar includes 'Home', 'Configuration', 'Log', 'Control', and 'System'. The left sidebar has a tree view with 'Summary Information' selected, and 'Links' with a list of 1, 2, and 3. The main content area is divided into three sections: 'Summary', 'Contact Status', and 'Event Timers'.

Summary	
Date & Time:	02/26/18 , 09:02:32
Sense Type:	Normal
Line Status:	Boost
Output Status:	Boostmode
External Fan Status:	[NotActivated]
Faults:	NONE
Alarms:	NONE

Contact Status	
Contact C1:	[ONBATT]/[NotActivated]
Contact C2:	[ONBATT]/[NotActivated]
Contact C3:	[LOWBATT:47.5Volts]/[NotActivated]
Contact C4:	[LOWBATT:47.5Volts]/[NotActivated]
Contact C5:	[TIMER:2.00Hours]/[NotActivated]
Contact C6:	[TIMER:2.00Hours]/[NotActivated]
Program I/P Contact:	[Self-test]/[NotActivated]

Event Timers	
Inverter Event:	00003 times
Inverter Timer:	0000 Hours 13 Minutes
Buck Event:	00000 times
Buck Timer:	0000 Hours 00 Minutes
Boost Event:	00002 times
Boost Timer:	0000 Hours 18 Minutes

Home - UPS Identification Info

The screenshot shows the PowerDevice Manager interface with 'Identification Information' selected in the sidebar. The main content area is divided into two sections: 'Identification Info' and 'Basic Information Settings'.

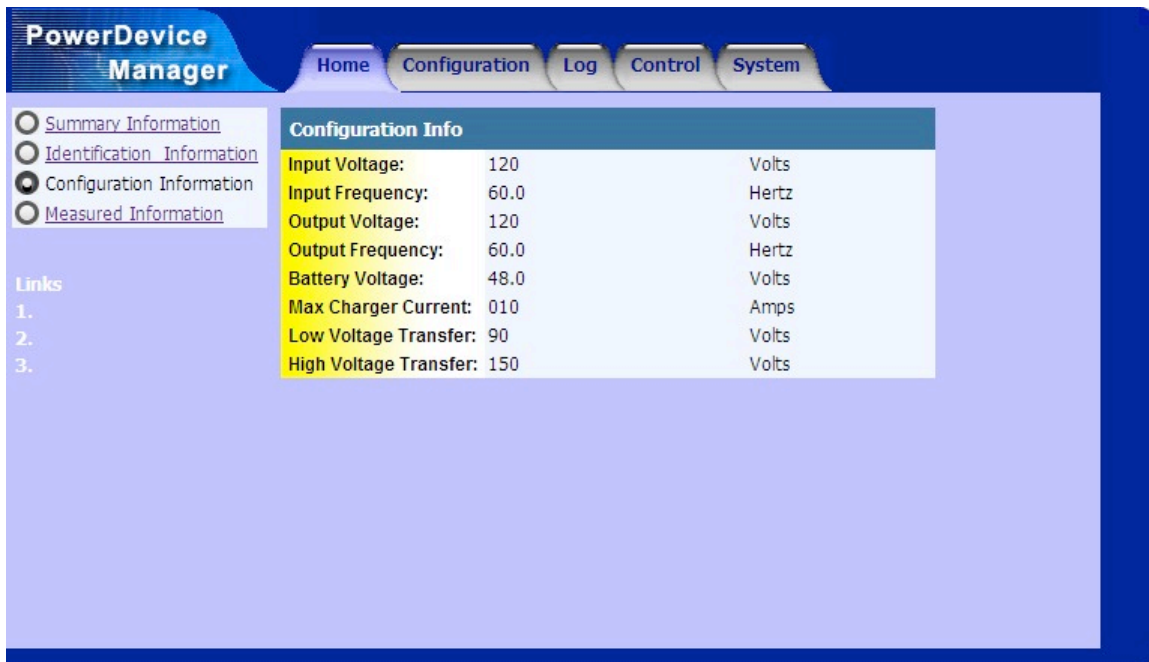
Identification Info	
Manufacturer:	Marathon Power
Model:	TRTC2002N1
EEPROM Version:	MaP2KV2.1
ID Name:	UPS
Attached:	NA

Basic Information Settings	
Identification Name:	<input type="text" value="UPS"/>
Attached Device:	<input type="text" value="NA"/>

Buttons: Apply, Cancel

To change "ID Name" and "Attached:" see the Telnet menu item 5 information.
For traffic applications "ID Name" would typically be the name of the intersection
And "Attached" would be the equipment backed up by the UPS.


Home – Configuration Information



The screenshot shows the 'PowerDevice Manager' interface with the 'Configuration' tab selected. The left sidebar contains navigation links: Summary Information, Identification Information, Configuration Information (selected), and Measured Information. Below these are three numbered links. The main content area displays 'Configuration Info' with a table of settings.

Configuration Info		
Input Voltage:	120	Volts
Input Frequency:	60.0	Hertz
Output Voltage:	120	Volts
Output Frequency:	60.0	Hertz
Battery Voltage:	48.0	Volts
Max Charger Current:	010	Amps
Low Voltage Transfer:	90	Volts
High Voltage Transfer:	150	Volts

Home – Measured Information



The screenshot shows the 'PowerDevice Manager' interface with the 'Configuration' tab selected. The left sidebar contains navigation links: Summary Information, Identification Information, Configuration Information, and Measured Information (selected). Below these are three numbered links. The main content area displays 'Measured Information' with four tables: Input, Output, Battery, and Temperature.

Input		
Voltage:	100	Volts
Frequency:	60.0	Hertz

Output		
Voltage:	121	Volts
Output Watt:	0	Watt

Battery		
Voltage:	54.2	Volts

Temperature		
UPS	19	Degree C

Configuration – UPS Parameters

The screenshot shows the PowerDevice Manager interface with the 'Configuration' tab selected. The left sidebar contains a menu with 'UPS Parameters' selected, and 'Event Actions', 'Maintenance', and 'Transfer Point' are also visible. Below the menu is a 'Links' section with three numbered items. The main content area is divided into three configuration sections: 'Input Configuration', 'Output Configuration', and 'Misc. Configuration'. 'Input Configuration' shows 'Input Voltage: 120' and 'Input Frequency: 60.0'. 'Output Configuration' shows 'Output Voltage: 120' and 'Output Frequency: 60.0'. 'Misc. Configuration' shows 'Battery Replace Date: 2 / 26 / 2018' with 'Apply' and 'Cancel' buttons.

PowerDevice Manager

Home Configuration Log Control System

- UPS Parameters
- Event Actions
- Maintenance
- Transfer Point

Links

- 1.
- 2.
- 3.

Input Configuration

Input Voltage: 120
Input Frequency: 60.0

Output Configuration

Output Voltage: 120
Output Frequency: 60.0

Misc. Configuration

Battery Replace Date: 2 / 26 / 2018

Apply Cancel

Configuration – Event Actions

The screenshot shows the PowerDevice Manager interface with the 'Configuration' tab selected. The left sidebar contains a menu with 'Event Actions' selected, and 'UPS Parameters', 'Maintenance', and 'Transfer Point' are also visible. Below the menu is a 'Links' section with three numbered items. The main content area is titled 'Event' and features a list of event types in a scrollable box. The 'Event Type:' label is on the left. The list includes: Power Failure, Power Restore, Batteries Low, UPS Communication Lost, UPS Communication Reestablished, Output Overload, Output Overload Corrected, Test In Progress, Test Completed, External fan is abnormal, External fan is normal, and Door interlock is Open. A 'Select' button is located at the bottom right of the list.

PowerDevice Manager

Home Configuration Log Control System

- UPS Parameters
- Event Actions
- Maintenance
- Transfer Point

Links

- 1.
- 2.
- 3.

Event

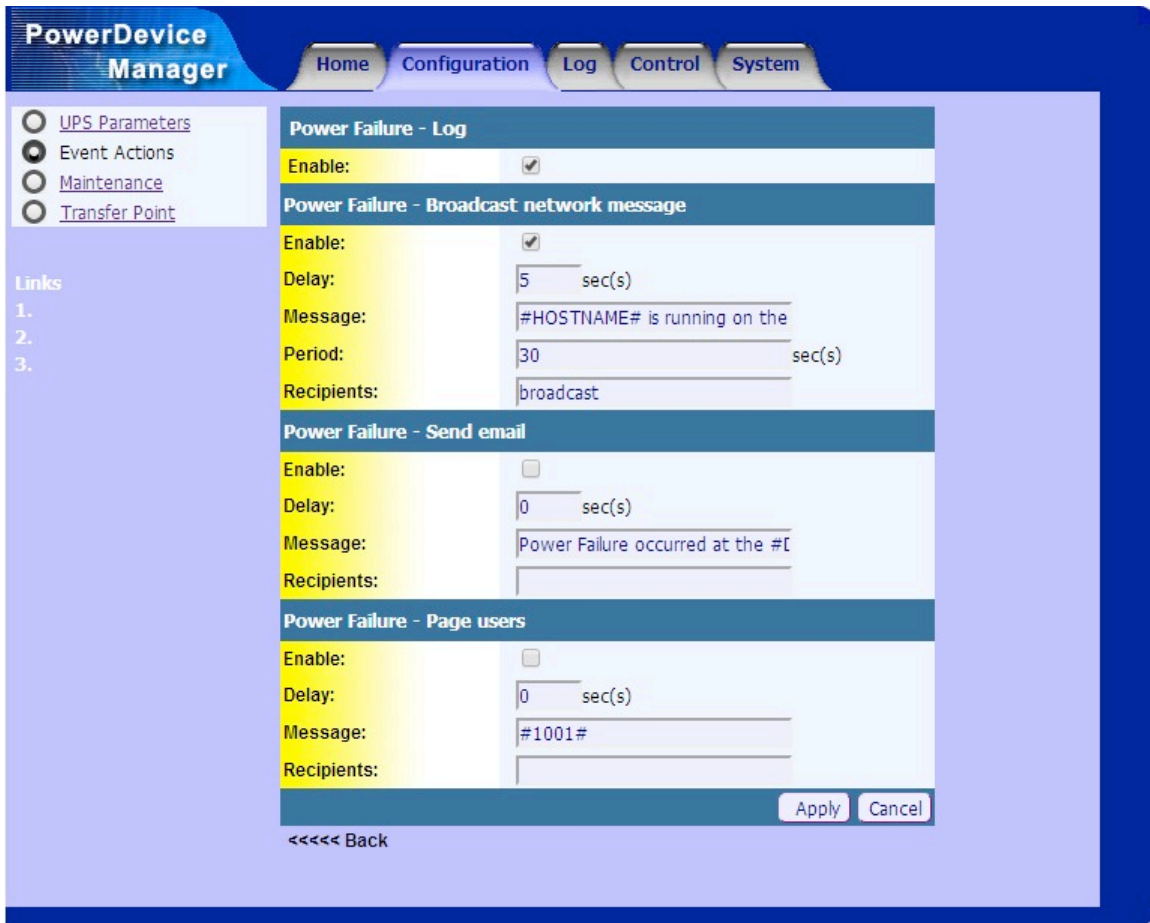
Event Type:

- Power Failure
- Power Restore
- Batteries Low
- UPS Communication Lost
- UPS Communication Reestablished
- Output Overload
- Output Overload Corrected
- Test In Progress
- Test Completed
- External fan is abnormal
- External fan is normal
- Door interlock is Open

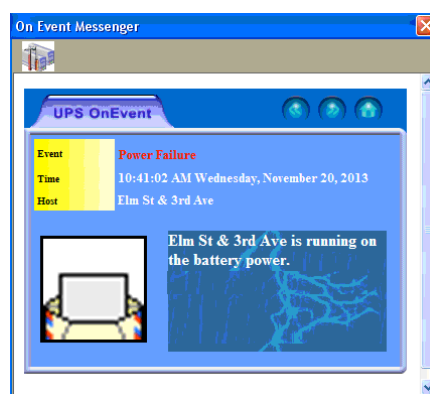
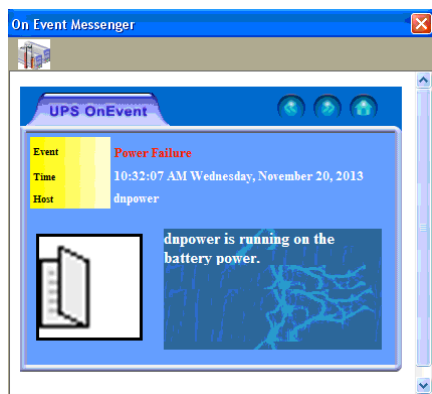
Select

Select each action to configure its own handling.

For an example “Power Failure”



Broadcast Network Message - Sends the event action to the “On Event” pop up messaging software.



Send Email - Recipients can be IP addresses or computer names. Separate multiple names and IP addresses with a (;) semi-colon. “Broadcast “(in Recipients) sends to all computers on the LAN.

Page users - Is no longer supported.

Configuration – Maintenance

PowerDevice Manager

Home Configuration Log Control System

UPS Parameters
 Event Actions
 Maintenance
 Transfer Point

Links
1.
2.
3.

Line Qualify Options
Line Qualify: 3 seconds

Battery Charging Temperature Compensation
Compensation value: -3.0 mV/Deg C/Cell

Battery Voltage Low Warning
Enter new value: 47.5 Volts

External Fan On/Off By Temperature
Temperature set to: 25 Deg C

Units of Temperature
Temperature: Degree C

Inverter On/Off
Inverter switch to:

Reset The Event/Timer Counters
Reset The Counters:

Change Password
Current Password:
New Password:

For details, see the corresponding information in the Section 6: Operation – RS-232 / USB Interface in the UPS manual.

Note the “Change Password” is the RS-232 / USB password (default 1111).
New Password must be four numbers (e.g. 1234).

Configuration – Transfer Point (Buck & Boost OFF)

The screenshot shows the 'PowerDevice Manager' interface with the 'Configuration' tab selected. The 'Transfer Point' option is selected in the left sidebar. The main content area displays four transfer point settings: High, Buck, Boost, and Low. Each setting includes input fields for limit, hysteresis, and gap values, along with a range of acceptable values. The 'AVR Feature Setting' section at the bottom shows both 'Buck Feature' and 'Boost Feature' set to 'Off'.

High Transfer Point Setting			
High Limit Point:	130	Volts	120V ~ 150V
High Hyst Point:	125	Volts	
High Gap:	5	Volts	3V ~ 7V
Buck Transfer Point Setting			
Buck High Point:	130	Volts	120V ~ 144V
Buck Low Point:	125	Volts	
Boost Transfer Point Setting			
Boost High Point:	107	Volts	
Boost Low Point:	102	Volts	96V ~ 120V
Low Transfer Point Setting			
Low Limit Point:	100	Volts	90V ~ 120V
Low Hyst Point:	105	Volts	
Low Gap:	5	Volts	3V ~ 7V

Buttons: Apply, Cancel

AVR Feature Setting	
Buck Feature:	<input type="radio"/> On <input checked="" type="radio"/> Off
Boost Feature:	<input type="radio"/> On <input checked="" type="radio"/> Off

Buttons: Apply, Cancel

Configuration – Transfer Point (Buck & Boost ON)

The screenshot shows the 'PowerDevice Manager' interface with the 'Configuration' tab selected. The 'Transfer Point' option is selected in the left sidebar. The main content area displays four transfer point settings: High, Buck, Boost, and Low. Each setting includes input fields for limit, hysteresis, and gap values, along with a range of acceptable values. The 'AVR Feature Setting' section at the bottom shows both 'Buck Feature' and 'Boost Feature' set to 'On'.

High Transfer Point Setting			
High Limit Point:	150	Volts	120V ~ 150V
High Hyst Point:	145	Volts	
High Gap:	5	Volts	3V ~ 7V
Buck Transfer Point Setting			
Buck High Point:	130	Volts	120V ~ 144V
Buck Low Point:	125	Volts	
Boost Transfer Point Setting			
Boost High Point:	107	Volts	
Boost Low Point:	102	Volts	96V ~ 120V
Low Transfer Point Setting			
Low Limit Point:	90	Volts	90V ~ 120V
Low Hyst Point:	95	Volts	
Low Gap:	5	Volts	3V ~ 7V

Buttons: Apply, Cancel

AVR Feature Setting	
Buck Feature:	<input checked="" type="radio"/> On <input type="radio"/> Off
Boost Feature:	<input checked="" type="radio"/> On <input type="radio"/> Off

Buttons: Apply, Cancel

Refresh the browser screen after turning on Buck & Boost to see these settings.
 Note the voltage settings change between Buck & Boost ON and Buck & Boost OFF
 For details see the corresponding information in the Section 6: Operation – RS-232 / USB Interface in the UPS manual.

Log – Event Log

The screenshot shows the 'Event Log' page in the PowerDevice Manager interface. The page has a navigation bar with 'Home', 'Configuration', 'Log', 'Control', and 'System' tabs. On the left, there is a sidebar with radio buttons for 'Event Log' (selected), 'Data Log', 'UPS Event Log', and 'Log Settings'. Below the sidebar are 'Links' 1, 2, and 3. The main content area displays a table titled 'Event Log' with page number '91-96/96'. The table has two columns: 'Date' and 'Event'. Below the table are buttons for 'Previous Page', 'Download', and 'Next Page'.

Date	Event
02/14/2018 13:40:44	Service Started
02/14/2018 13:41:13	Output mode:normal
02/26/2018 08:45:31	Service Started
02/26/2018 08:46:00	Output mode:boost
02/26/2018 09:32:49	Output mode:normal
02/26/2018 09:33:54	Output mode:boost

Log – Data Log

The screenshot shows the 'Data Log' page in the PowerDevice Manager interface. The page has a navigation bar with 'Home', 'Configuration', 'Log', 'Control', and 'System' tabs. On the left, there is a sidebar with radio buttons for 'Event Log', 'Data Log' (selected), 'UPS Event Log', and 'Log Settings'. Below the sidebar are 'Links' 1, 2, and 3. The main content area displays a table titled 'Data Log' with page number '91-97/97'. The table has nine columns: 'Date', 'Time', 'Vin', 'Vout', 'Vbat', 'Fin', 'Fout', 'Load %', and 'Temp'. Below the table are buttons for 'Previous Page', 'Download', and 'Next Page'.

Date	Time	Vin	Vout	Vbat	Fin	Fout	Load %	Temp
02/26/2018	09:32:25	100	121	054.4	59.9	60.1	000	20
02/26/2018	09:32:55	100	121	054.4	59.9	60.0	000	20
02/26/2018	09:33:25	100	101	054.4	60.0	60.0	000	20
02/26/2018	09:33:55	100	101	054.2	59.9	59.8	000	20
02/26/2018	09:34:25	100	120	054.4	60.0	60.0	000	20
02/26/2018	09:34:56	100	120	054.4	60.0	60.0	000	20
02/26/2018	09:35:27	100	120	054.4	60.3	60.0	000	20

Log – UPS Event Log

The screenshot shows the PowerDevice Manager interface with the 'Log' tab selected. On the left, there is a navigation menu with 'Event Log', 'Data Log', 'UPS Event Log', and 'Log Settings'. Below it are 'Links' 1, 2, and 3. The main area is titled 'Display Event Logs' and contains a table of log ranges:

Log Range	View	Update
#001 - #100	View	Update
#101 - #200	View	Update
#201 - #300	View	Update
#301 - #400	View	Update
#401 - #500	View	Update
#501 - #600	View	Update

Below this table is the 'UPS Event Log' header with a count of '0-0/0'. It includes a table with columns: Date, Time, Vin, Vout, Fin, Pout, Vbat, Tbat, Ths, Vds1, Vds2, AVR, Status. Navigation buttons for 'Previous Page' and 'Next Page' are present.

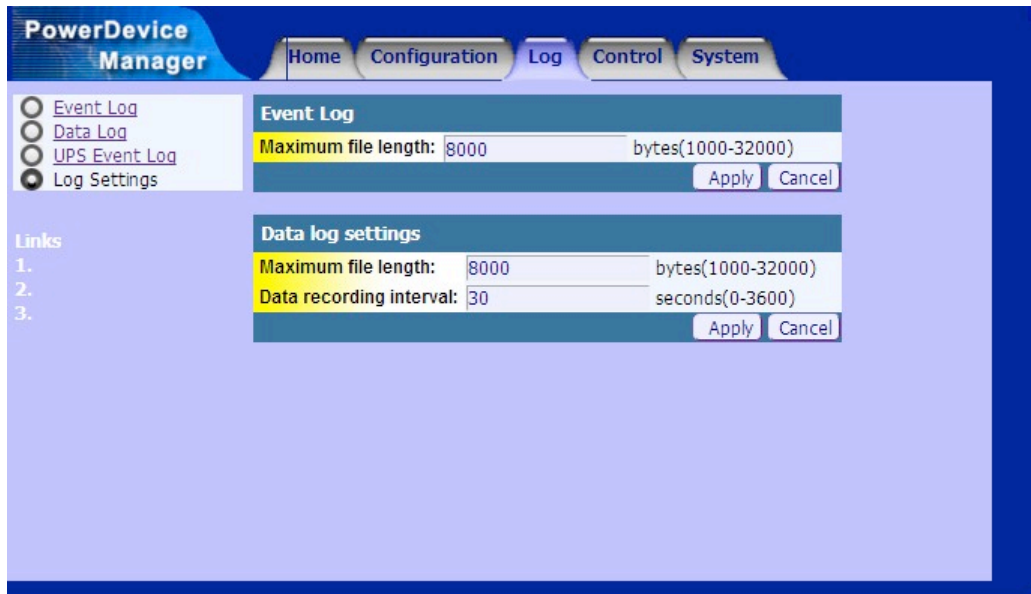
Log – UPS Event Log (click on View)

This screenshot shows the 'UPS Event Log' table expanded. The 'View' button for the '#501 - #600' range has been clicked, displaying a list of events. The table has the following columns: Date, Time, Vin, Vout, Fin, Pout, Vbat, Tbat, Ths, Vds1, Vds2, AVR, Status. The count is now '1-10/100'.

Date	Time	Vin	Vout	Fin	Pout	Vbat	Tbat	Ths	Vds1	Vds2	AVR	Status
11/03/17	08:45:24	119	000	060	0000	41.9	+24	+27	000	000		[ON_LINE_Normal]
11/03/17	08:45:31	000	000	000	0000	53.9	+24	+27	000	000		[Black_Out]
11/03/17	08:45:48	119	000	060	0000	33.6	+24	+27	000	000		[Batt_Not_Connect]
11/03/17	08:45:55	119	119	060	0000	53.3	+24	+27	000	000		[ON_LINE_Normal]
11/03/17	08:45:56	000	120	033	0000	53.3	+24	+27	011	011		[Black_Out] [ON_BATT]
11/03/17	08:45:58	119	121	060	0000	52.8	+24	+26	011	012		[ON_BATT]
11/03/17	08:46:01	119	120	060	0000	52.8	+24	+26	000	000		[ON_LINE_Normal]
11/03/17	09:18:49	000	122	000	0000	53.0	+21	+26	011	012		[Black_Out] [ON_BATT]
11/07/17	14:07:25	000	000	000	0000	51.9	+23	+21	000	000		[Black_Out]
11/07/17	14:07:48	114	000	060	0000	51.9	+23	+21	000	000		[ON_LINE_Normal]

Navigation buttons for 'Previous Page' and 'Next Page' are visible at the bottom of the table.

Log – Log Settings



The screenshot shows the 'Log Settings' page in the PowerDevice Manager. The navigation tabs at the top are Home, Configuration, Log, Control, and System. On the left, there is a sidebar with radio buttons for 'Event Log', 'Data Log', 'UPS Event Log', and 'Log Settings' (which is selected). Below the sidebar are 'Links' 1, 2, and 3. The main content area has two sections: 'Event Log' and 'Data log settings'. Both sections have a 'Maximum file length' field set to 8000 bytes (range 1000-32000) and an 'Apply' button. The 'Data log settings' section also has a 'Data recording interval' field set to 30 seconds (range 0-3600) and an 'Apply' button.

PowerDevice Manager

Home Configuration Log Control System

Event Log
 Data Log
 UPS Event Log
 Log Settings

Links
1.
2.
3.

Event Log
Maximum file length: 8000 bytes(1000-32000) Apply Cancel

Data log settings
Maximum file length: 8000 bytes(1000-32000)
Data recording interval: 30 seconds(0-3600) Apply Cancel

Control – Control UPS



The screenshot shows the 'Control UPS' page in the PowerDevice Manager. The navigation tabs at the top are Home, Configuration, Log, Control, and System. On the left, there is a sidebar with radio buttons for 'Control UPS' (which is selected) and 'Contacts'. Below the sidebar are 'Links' 1, 2, and 3. The main content area has a 'Tests' section with three rows: 'Self Test' with a dropdown set to '3 min(s)' and an 'Execute' button; 'Battery Cycling' with a dropdown set to 'Low' and an 'Execute' button; and 'Cancel Test' with an 'Execute' button. Below these is a 'Testing Result' field showing 'No Tests Initiated'.

PowerDevice Manager

Home Configuration Log Control System

Control UPS
 Contacts

Links
1.
2.
3.

Tests

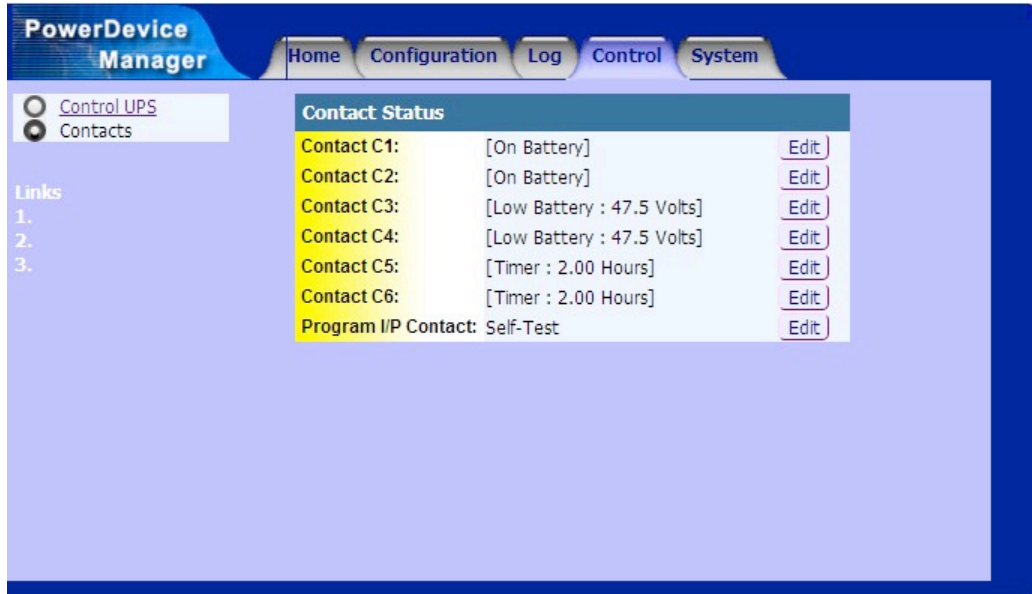
Self Test: 3 min(s) Execute

Battery Cycling: Low Execute

Cancel Test: Execute

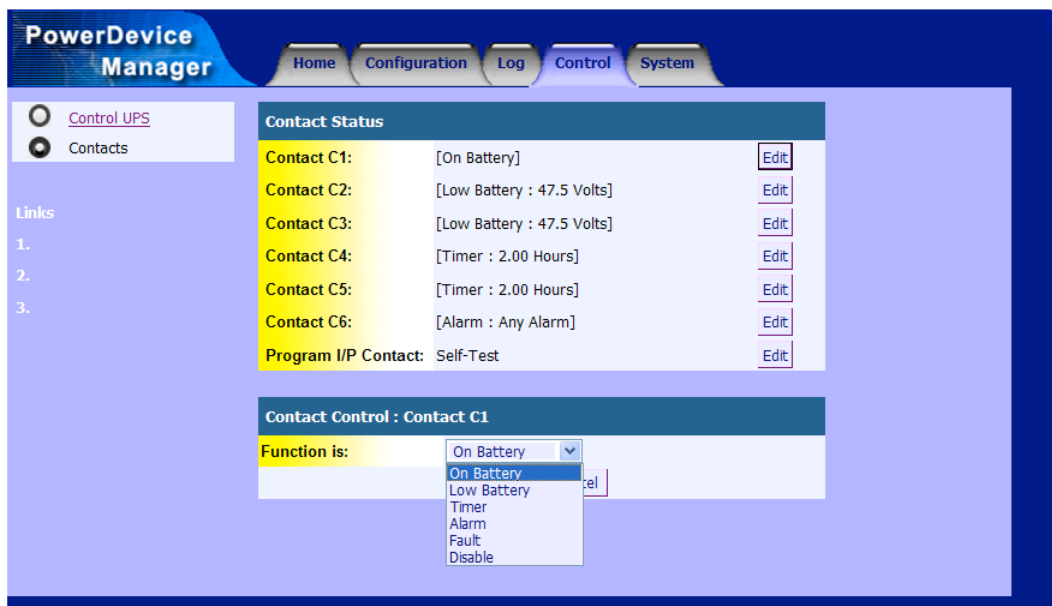
Testing Result: No Tests Initiated

Control – Contacts



These are the programmable 1 form-C isolated contact closures on the UPS front panel. Also the Program Input contact closure.

Control – Contacts – Edit Contact C1 (for example)



Control – Contacts – Edit Contact C1 (for example) Alarm Menu

The screenshot shows the PowerDevice Manager interface. The top navigation bar includes Home, Configuration, Log, Control, and System. The left sidebar has 'Control UPS' and 'Contacts' options. The main content area is divided into two sections:

Contact Status

Contact C1:	[On Battery]	Edit
Contact C2:	[Low Battery : 47.5 Volts]	Edit
Contact C3:	[Low Battery : 47.5 Volts]	Edit
Contact C4:	[Timer : 2.00 Hours]	Edit
Contact C5:	[Timer : 2.00 Hours]	Edit
Contact C6:	[Alarm : Any Alarm]	Edit
Program I/P Contact:	Self-Test	Edit

Contact Control : Contact C1

Function is:

Parameter is:

- Any Alarm
- Line Frequency
- Low Output Volt
- No Temperature Pr
- Overload
- Battery not connect
- High Temperature
- Low Temperature

Control – Contacts – Program I/P Contact

The screenshot shows the PowerDevice Manager interface. The top navigation bar includes Home, Configuration, Log, Control, and System. The left sidebar has 'Control UPS' and 'Contacts' options. The main content area is divided into two sections:

Contact Status

Contact C1:	[On Battery]	Edit
Contact C2:	[Low Battery : 47.5 Volts]	Edit
Contact C3:	[Low Battery : 47.5 Volts]	Edit
Contact C4:	[Timer : 2.00 Hours]	Edit
Contact C5:	[Timer : 2.00 Hours]	Edit
Contact C6:	[Alarm : Any Alarm]	Edit
Program I/P Contact:	Self-Test	Edit

Contact Control : Contact I/P

Function is:

- Self-Test
- External Alarm
- Ext. Battery Alarm
- Ext. Fan Alarm
- Door Interlock

System - User

The screenshot shows the PowerDevice Manager interface with the 'System' tab selected. The left sidebar contains a menu with 'User' selected. The main content area displays the 'Login User and Password Change' form. The form has three input fields: 'User Name' with the value 'admin', 'New Password', and 'Retype New Password'. There are 'Apply' and 'Cancel' buttons at the bottom right of the form. Below the form, there is a 'Links' section with three numbered items (1., 2., 3.) that are currently empty.

System – Date and Time

The screenshot shows the PowerDevice Manager interface with the 'System' tab selected. The left sidebar contains a menu with 'Date and Time' selected. The main content area displays the 'Date and Time Setting' form. The form has several input fields: 'Date' (2 / 26 / 2018), 'Time' (9 : 44 : 36), 'Time Zone' (0), 'SNTP Server 1', 'SNTP Server 2', and 'SNTP Server 3'. There are 'Auto Adjust', 'Apply', and 'Cancel' buttons at the bottom right of the form. Below the form, there is a 'Links' section with three numbered items (1., 2., 3.) that are currently empty.

Time Zone: 0 is Greenwich Mean Time.

Correct time zone setting is needed for #DATE-TIME# in Configuration – Event Actions – Event Type setup.

SNTP is the IP address of a Simple Network Time Protocol server.

System – Network

The screenshot shows the 'PowerDevice Manager' interface with the 'System' tab selected. The left sidebar contains navigation links: User, Date and Time, Network, SNMP, User Links, and Firmware Upgrade. The main content area is divided into three sections: TCP/IP Settings, DNS Configuration, and SMTP Server Configuration. The TCP/IP Settings section shows 'IPv4 Method' set to 'Manual' with fields for IP Address (192.168.1.51), Subnet Mask (255.255.255.0), Default Gateway (192.168.1.1), and MAC Address (00-AE-E4-80-76-F8). The DNS Configuration section has fields for DNS Server 1 IP (212.1.120.3), DNS Server 2 IP, and DNS Server 3 IP. The SMTP Server Configuration section includes fields for SMTP Server, SMTP Port, Authorized (set to 'Disable'), From, User Name, and Password. Buttons for 'Reboot', 'Apply', 'Cancel', 'Test', and 'Apply' are visible at the bottom of each section.

TCP/IP Settings

Here fixed IP address setting examples are shown.

DNS Configuration

Enter the IP addresses of up to three Domain Name Servers. Note that the Ethernet card can be set for DHCP

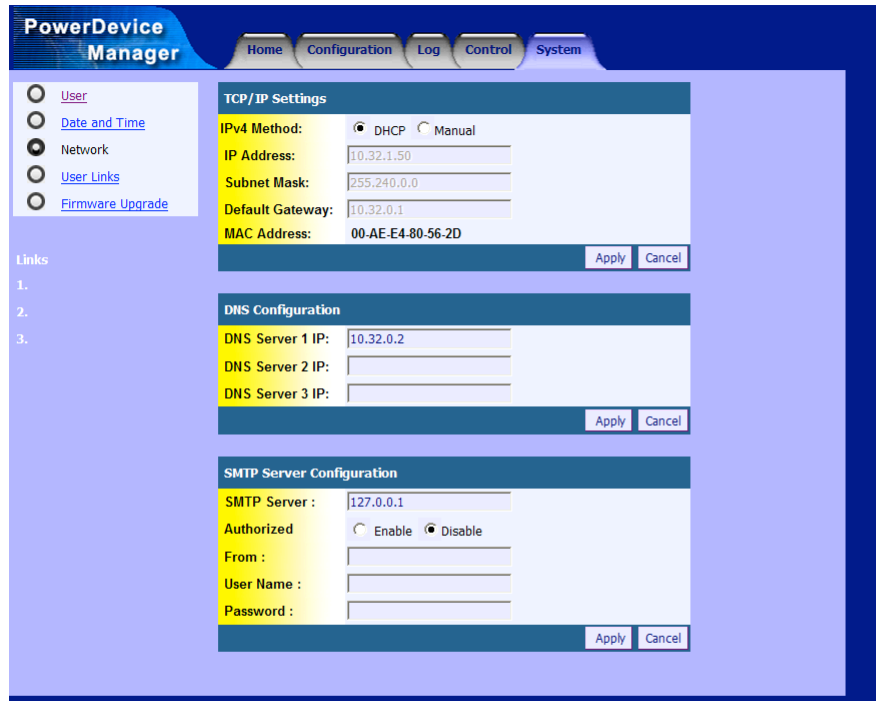
SMTP Server Configuration

Leave "Authorized" Disabled for a simple e-mail setup. This will disable "User Name" and "Password".

SMTP Server address can be either an IP address or a name address (e.g. mail.mailserver.com).

"From:" is typically a reply-to e-mail address. See #HOSTNAME# information in Configuration – Event Actions to get the UPS location (e.g. Elm St & 3rd Ave) information in the e-mail.

System – Network – DHCP Setting



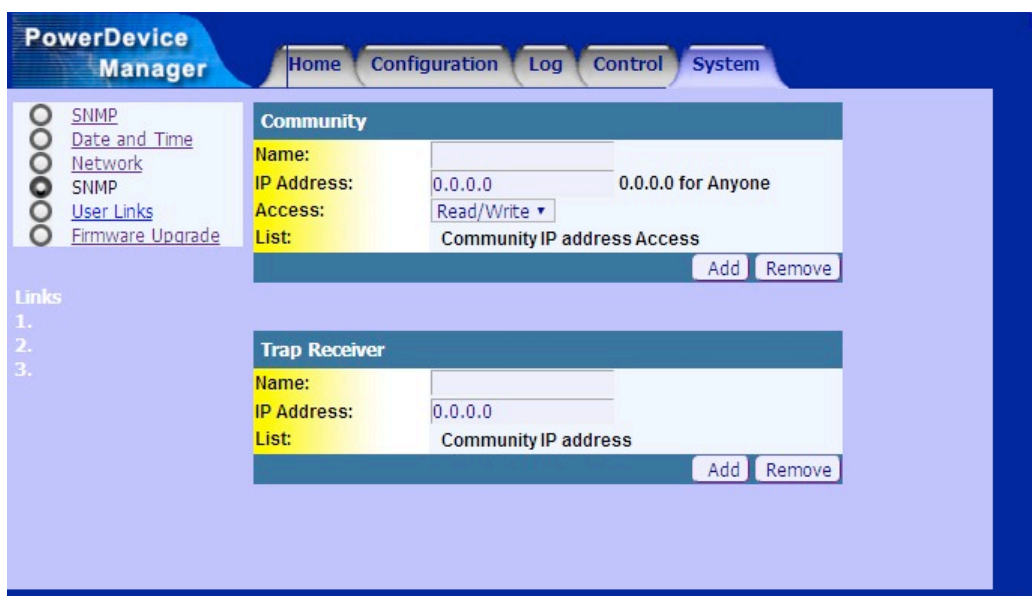
The screenshot shows the PowerDevice Manager interface with the 'System' tab selected. The left sidebar contains navigation links: User, Date and Time, Network, User Links, and Firmware Upgrade. The main content area is divided into three sections: TCP/IP Settings, DNS Configuration, and SMTP Server Configuration. In the TCP/IP Settings section, the IPv4 Method is set to DHCP. The IP Address is 10.32.1.50, Subnet Mask is 255.240.0.0, Default Gateway is 10.32.0.1, and MAC Address is 00-AE-E4-80-56-2D. The DNS Configuration section shows DNS Server 1 IP as 10.32.0.2. The SMTP Server Configuration section shows the SMTP Server as 127.0.0.1, with 'Authorized' set to 'Disable'.

Section	Field	Value
TCP/IP Settings	IPv4 Method	<input checked="" type="radio"/> DHCP <input type="radio"/> Manual
	IP Address	10.32.1.50
	Subnet Mask	255.240.0.0
	Default Gateway	10.32.0.1
	MAC Address	00-AE-E4-80-56-2D
DNS Configuration	DNS Server 1 IP	10.32.0.2
	DNS Server 2 IP	
	DNS Server 3 IP	
SMTP Server Configuration	SMTP Server	127.0.0.1
	Authorized	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
	From	
	User Name	
	Password	

When switching from a fixed IP address (Manual) to DHCP the Ethernet card must be powered down and powered back up for the change to take effect.

See the Telnet menu item #1 DHCP configuration (no power OFF/ON reset needed).

System – SNMP



The screenshot shows the PowerDevice Manager interface with the 'System' tab selected. The left sidebar contains navigation links: SNMP, Date and Time, Network, SNMP, User Links, and Firmware Upgrade. The main content area is divided into two sections: Community and Trap Receiver. The Community section shows a Name field, IP Address set to 0.0.0.0 (with a note '0.0.0.0 for Anyone'), Access set to 'Read/Write', and List set to 'Community IP address Access'. The Trap Receiver section shows a Name field, IP Address set to 0.0.0.0, and List set to 'Community IP address'.

Section	Field	Value
Community	Name	
	IP Address	0.0.0.0 (0.0.0.0 for Anyone)
	Access	Read/Write
	List	Community IP address Access
Trap Receiver	Name	
	IP Address	0.0.0.0
	List	Community IP address

System – User Links

The screenshot shows the 'PowerDevice Manager' interface with the 'System' tab selected. On the left, a navigation menu lists 'User', 'Date and Time', 'Network', 'SNMP', 'User Links', and 'Firmware Upgrade', with 'User Links' selected. The main content area is titled 'User Link 1' and contains three identical sections for 'User Link 1', 'User Link 2', and 'User Link 3'. Each section has a 'URL(http://):' field and a 'Description:' field. At the bottom right, there are 'Apply' and 'Cancel' buttons. Below the navigation menu, there is a 'Links' section with a list containing '1.', '2.', and '3.'.

System – Firmware Upgrade

This is a
firmware
upgrade
for the
Ethernet
card
itself.

The screenshot shows the 'PowerDevice Manager' interface with the 'System' tab selected. On the left, a navigation menu lists 'User', 'Date and Time', 'Network', 'SNMP', 'User Links', and 'Firmware Upgrade', with 'Firmware Upgrade' selected. The main content area is titled 'Firmware Upgrade' and displays 'Current Version: v5.43b8304'. Below this, there is a 'File Name:' field with a 'Browse...' button and the text 'No file selected.'. To the right of the 'File Name:' field is an 'Upgrade' button. Below the navigation menu, there is a 'Links' section with a list containing '1.', '2.', and '3.'.

Restoring the Default Settings

To restore the SNMP card to its factory default settings:

Press and hold the white collar around the Power LED, on the SNMP card's right side, for approximately 10 seconds. During this time, the LED light will turn a solid color and then flicker rapidly. This shows that the card is rebooting and loading the default settings. Stop pressing the white collar at this time.

The default settings are:

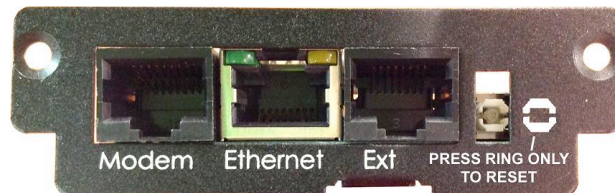
IP Address: 192.168.1.51

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.1.1

Username: admin

Password: user



Limited Three-Year Warranty and Exclusions

Marathon Power warrants to the original purchaser, that this product at the time of its sale by Marathon Power is free of defects in materials and workmanship under normal and proper use for three (3) years (batteries for two (2) years within the USA, Canada and Mexico otherwise one (1) year) from the original purchase date. Marathon Power will correct such defects by repair or replacement, at its option, if within such three year period the product is returned prepaid and all warranty claim instructions are followed. This warranty excludes labor for removal of this product or re-installation and is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused or altered in any manner or not in accordance with any labels or instructions. In addition, the warranty does not cover restoration of lost data and re-installation of software. There are no other or implied warranties of any kind, including merchant ability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to three years. Marathon Power is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation. To file a warranty claim you must take the following steps: Contact Marathon Power, Inc., Attn: Returns, 2538 E. 54th Street, Huntington Park, CA 90255 or call (310) 689-2328 within 30 days of the occurrence. Be prepared to provide detailed information about the event, any damage, the UPS model number, purchase date and location. A Return Authorization Number (RAN) MUST be obtained.



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