

NetShelter™ Rack PDU Advanced



For NetShelter APDU10000 Series PDUs

What’s in This Document

- Affected Revision Levels 1
- Device IP Configuration 1
- New Features..... 2
- Fixed Issues 2
- Known Issues..... 2
- Miscellaneous 3
 - Recovering from a Lost Password 3
 - Event Support List..... 3
 - PowerNet MIB Reference Guide 3
 - Hash Signatures 3

Affected Revision Levels

Component	Version	File
NetShelter Rack PDU Advanced Application	2.0.6.5	apc.fw
PowerNet® SNMP Management Information Base (MIB) Application	4.4.6 or later 1.3	powernet446.mib (or later) apc_cpdu_v1_3.mib

Device IP Configuration

1. Connect the ethernet cable to ETH0 Port or ETH1 port.
2. Enter the IP address assigned - **192.168.0.1**
3. If the ETH0 port is connected to the DHCP server using a switch, the IP address for the port gets assigned by the server.

New Features

Command Line Interface (CLI)	<p>By default,</p> <ul style="list-style-type: none"> The primary rating of all dual-input PDUs will be configured in accordance with the DA diagrams and compliance labels. The primary rating of all dual-input PDUs will be configured in accordance with the the wiring diagrams of those PDUs. The secondary rating of all dual-input PDUs will be configured in accordance with the second values specified in the wiring diagrams of those PDUs. <p>The following commands have been added to configure dual-input PDUs for specific regions:</p> <ul style="list-style-type: none"> <code>sys dualinput set EMEA</code> (Set the region to Europe/Middle East/Africa.) <code>sys dualinput set NA</code> (Set the region to North America.)
SNMP	None.
Display Interface	None.
Web User Interface (Web UI)	None.

Fixed Issues

CLI	None.
SNMP	None.
Web UI	None.

Known Issues

CLI	Users cannot perform CLI commands using outlet names. They must use outlet numbers.
SNMP	The view bank (circuit breaker) measurements are not displayed through the SNMP. The <code>pduCircuitBreakerSTATUSTable</code> OID provides the amperage and the load state. However, it does not provide voltage, active power, apparent power, power factor, and energy readings.
Web UI	The display of the active alarm information could be improved by showing the active alarm on the dashboard or changing the color of the corresponding icons on the web page.

Miscellaneous

Recovering from a Lost Password

1. Upload the default **conf.ini** using the USB
2. Press **Reset** pin and hold it for 20 seconds, the PDU will move back to the default settings. The default username and password is also restored.

Event Support List

To download the event log from:

1. Web UI - Open the web UI, select the page and download the Event Log.
2. FTPS - Navigate to the **Log** folder and download the Event Log.
3. USB – Connect the USB and navigate to **USB MENU> Download> eventlog**.

PowerNet MIB Reference Guide

NOTE: The MIB Reference Guide, available on the website, www.apc.com, explains the structure of the MIB, types of OIDs, and the procedure for defining SNMP trap receivers. For information on specific OIDs, use a MIB browser to view their definitions and available values directly from the MIB itself. You can view the definitions of traps at the end of the MIB itself (the file `powernet435.mib` downloadable from the website, www.apc.com).

Hash Signatures

Include the **MD5 Checksum** data of the current released files and add **apc.fw** as the firmware file.

MD5 Hash: 16bc7adb783ff55c585b6ce4b690b6a8
SHA-1 Hash: bb9811e1a6b7f285cbb35256e54635fa0a259a5d
SHA-256 Hash: 22d35bbae8c94ed1fcc95b927dd8215f9b579ac35ca202db979a1f81168619c7