

APC by Schneider Electric
 www.apc.com
 Rack Power Distribution Units v3.7.4
 Release Notes 990-3571B

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Affected Revision Levels:

apc_hw02_aos_374.bin	Network Management Card Operating System & TCP/IP Stack for Hardware Platform v02
apc_hw02_rpdu_374.bin	Switched/Metered Rack PDU application
powernet406.mib	PowerNet(R) SNMP Management Information Base (MIB)

For details on upgrading the Network Management Card's firmware, see the User's Guide on the Utility CD or on the APC Web site (www.apc.com).

APC Device IP Configuration Wizard v5.0.1

The Wizard is a Windows application designed specifically to remotely or serially configure the basic TCP/IP settings of Network Management Cards. The Wizard runs on Windows 2000, Windows 2003, Windows XP, Windows Vista, Windows 7 and Windows Server 2008. The Wizard is available as a free download from the APC Web site. On the Web site, search by part number SFDIPW501 to find the downloadable file.

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1.0 OS & TCP/IP Stack Modifications (apc_hw02_aos_374.bin)

1.1 COMPATIBILITY

- apc_hw02_rpdu_374.bin Rack Mount Power Distribution Unit

1.2 KNOWN ISSUES IN THIS VERSION

1. Reported Anomaly: "Reset to Defaults" does not change the baud rate to its default value of 9600 baud. Depending on the installed application, the serial baud rate may be specific to the attached device.
 Disposition: No fix is planned for future releases.

2. Reported Anomaly: On the Web interface, when user tries to switch console modes (Telnet to SSH) and does not perform a logoff after switching modes, the user can no longer see the SSH disclaimer page when trying to switch modes again. However, the feature works fine when the user logs off after switching modes.
Disposition: A fix is planned for a future release.

1.3 NEW FEATURES & ENHANCEMENTS

1. Allow for leading numbers in domain and hostnames.
2. Added the fix to block matching session IDs from different client IP addresses.

2.0 Switched/Metered PDU Application (apc_hw02_rpdu_374.bin)

2.1 COMPATIBILITY

- Network Management Card OS & TCP/IP Stack apc_hw02_aos_374.bin
- PowerNet(R) SNMP Management Information Base (MIB) powernet406.mib
- Split Phase PDU AP7823
- Switched and Metered Rack PDUs AP7811, AP7800, AP7801, AP7802, AP7802J, AP7820, AP7821, AP7822, AP7830, AP7830J, AP7831, AP7832, AP7832J, AP7840, AP7841, AP7850, AP7851, AP7852, AP7853, AP7854, AP7855, AP7862, AP7862J, AP7862X135, AP7864, AP7867, AP7868, AP7869, AP7892, AP7893, P7884, AP7898, AP7899

2.2 KNOWN ISSUES IN THIS VERSION

1. Set Response of SNMP v3 displays a few invalid characters at the end of the string.
Disposition: Fix planned for a future release.

2.3 NEW FEATURES & ENHANCEMENTS

Added a new config option to set the Line-to-Neutral voltage.

2.4 BUGS FIXED IN THIS VERSION

1. Bank numbers have been added to log messages.
2. CLI error message is now complete when out of range voltage is given for line-to-line voltage.
3. There is now consistency in error messages for an invalid value entry for near load threshold, over load threshold, and low load threshold.
4. The Line-to-Neutral Voltage parameter is now configurable through SNMP.
5. Line-to-Neutral Voltage help description now available in the web user interface.
6. Split Phase PDU Bank overload warning now specifies which bank is overloaded.
7. An invalid power factor value is no longer accepted.
8. The "Communications fault" Alarm Message description has been clarified.
9. SNMP status for rPDU power supply2 is now correct when alarm is generated.
10. SNMP OID - rPDU load bank config alarms are now consistent with the web interface alarms.
11. Near overload threshold bank configuration change message has been clarified in events.

12. If the Split Phase PDU bank breaker trips, alarms are now displayed on all interfaces.
13. The overload critical alarm and the near overload warning no longer display simultaneously.
14. Now able to configure Line-to-Neutral voltage value and the Line-to-Line voltage is updated correspondingly.
15. Now able to configure power factor value in Telnet.

3.0 APC Device IP Configuration Wizard v5.0.1

3.1 COMPATIBILITY

- apc_hw02_aos_374.bin and prior Network Management Card OS & TCP/IP Stack

3.2 KNOWN ISSUES IN THIS VERSION

1. Reported Anomaly: The installation process, help document and the Device IP Configuration Wizard have some minor aesthetic issues.
Disposition: A fix is planned for a future release.

4.0 Miscellaneous

4.1 Recovering from a Lost Password

See the User's Guide on the Utility CD or on the APC Web site (www.apc.com) for instructions on how to recover from a lost password.

4.2 PowerNet MIB Reference Guide

NOTE: The MIB Reference Guide, available on the Network Management Card CD and on the APC Web site (www.apc.com), explains the structure of the MIB, types of OIDs, and the procedure for defining 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 `powernet406.mib` on the Network Management Card CD and also downloadable from the APC Web site, www.apc.com).