

Overview

HP Power Manager is a web-based application that enables administrators to manage an HP UPS from a browser-based management console. Administrators can monitor, manage, and control a single UPS locally and remotely. A familiar browser interface provides secure access to Management Servers anywhere on the network. Administrators may configure power failure settings and define UPS load segments for maximum uptime of critical servers. The UPS can also be configured to extend runtimes for critical devices during utility power failures. For most UPSs, the receptacles on the rear panel are divided into one or more groups, called load segments, which can be controlled independently. By shutting down a load segment that is connected to less critical equipment, the runtime for more critical equipment is extended, providing additional protection.

<http://h18004.www1.hp.com/products/servers/proliantstorage/power-protection/rpmp.html>

Models

HP Power Manager

Business-Class power manageability software for single, serially attached HP Branded UPS devices. OS support is generally broken down by HP Power Manager versions as follows. See requirements section for complete details:

- HP Power Manager (HPPM) - Windows Management Server
- HP Power Manager (HPPM) - HP-UX Management Server
- HP Power Manager (HPPM) - Linux Management Server
- HP Power Manager (HPPM) - Windows Remote Agent
- HP Power Manager (HPPM) - HP-UX Remote Agent
- HP Power Manager (HPPM) - Linux Remote Agent
- HP Power Manager (HPPM) - Netware Remote Agent

NOTE: The Management Server 4.2 is compatible with Remote Agents 4.0

Minimum Hardware and Software Requirements HP Power Manager Management Server

Minimum Requirements by Version

	Management Server	Agent
Hardware	500 MHz processor or greater.	200 MHz processor or greater.
System Memory	128 MB of RAM	64 MB of RAM (180 MB for NetWare 6.0)
Disk Space	25 MB free disk space	10 MB free disk space
Monitor Resolution	Minimum supported resolution of 1024 x 768, 16-bit high color (maximize browser window for optimal display)	

NOTE: Power Manager 4.2 is delivered without Macromedia Flash Player 6.0 and is not required for browsing. This is now optional for viewing UPS DataGraph only.

Display Color Settings:

- A minimum of 256 colors
- Recommended is High Color (16 bit) colors

Overview

Supported Features

- Control, Monitor, Manage
- Define independent UPS load segments
- Supports Single UPS configurations
- Storage Configuration shutdown wizard
- Scheduled shutdowns and reboots
- Graceful unattended shutdown based on specified events
- Manual UPS diagnostics (HW Dependent)
- Scheduled UPS Diagnostics
- Real-Time alarm monitoring
- Customizable alert parameters (for a variety of different events and choose the actions you want to take in response to those events)
- Application logs
- Event Logs
- Device Logs
- Graphical log feature
- Logs - Recommended Action
- Windows Hibernation
- Software Silent Upgrade Support
- Serial attached UPS communications
- Network attached UPS communications
- USB attached UPS communications (Hardware Dependent)
- Software Interactive Upgrade Support
- Secure remote Browser access (to 128-bit SSL)
- Integration into HP Insight Manager
- Event Notification via eMail
- Event Notification via Broadcast
- Event Notification - Send SNMP traps to HP Systems Insight Manager 7
- Event Notification - Send SNMP traps to HP Open View
- Language Support - English, Japanese
- Macromedia Flash 6 Support - Optional

Technical Specifications

Supported UPS	Availability	VA Rating	Watts	U Height	Load Seg.	UPS Part Numbers
Rack UPSs						
R1500 G2	Yes	1500	1050	1	2	AF419A
R/T2200 G2	Yes	2200	1440	2	4	AF409A
R3000 - Low Voltage	Yes	2880	2700	2	3	AF422A,AF425A (Replaces non-RoHs compliant part number 192186-001)
R3000 - High Voltage	Yes	3000	2700	2	3	AF423A,AF414A,AF424A (Replaces non-RoHs compliant part number 192186-002)
R5500	Yes	5000	4500	3	2	AF426A (Replaces non-RoHs compliant part number 326529-D71)
R5500 Intl	Yes	6000	5400	3	2	AF416A (Replaces non-RoHS compliant part number 326529-B31)
R1500xr	Legacy	1500	2700	2	2	204404-001,-291, -B31
R3000xr - Low Voltage	Legacy	2880	2700	2	3	192186-001,-291
R3000xr - High Voltage	Legacy	3000	4500	2	3	192186-002,-B31,-B32,-B33, -AR1,-292, J4367-7001,J4367-70004, 5065-7258,5065-7260
R5500xr	Legacy	5000	-	3	2	326529-D71,-B31
R12000 XR, N + x	Legacy	12000	12000	10	1	207552-B22, J4373-70000, 5065-7264
R3000xr	Legacy	3000	2700	2	3	-
R6000	Legacy	6000	6000	6	5	347207-001
Tower UPSs						
T750 G2	Yes	750	500	na	2	AF446A ,AF447A- USB support
T1000 G3	Yes	1000	670	na	2	AF448A ,AF449A- USB support
T1500 G3	Yes	1400,1000	950,670	na	2	AF450A,AF451A - USB support
T500	Yes	500	300	na	1	361475-001
T750	Yes	750	500	na	1	378439-D71
T1000 G2	Yes	1000	650	na	1	AF403A
T1500 G2	Yes	1500	900	na	1	AF406A
R/T2200 G2	Yes	2200	1440	na	4	AF409A
T700	Legacy	700	500	na	1	204015-001
T1000xr	Legacy	1000	700	na	2	204155-001,-B31, 312803-291
T1500xr	Legacy	1440	1050	na	2	204155-002,-291,-B32
T2200xr	Legacy	1920	1600	na	3	204451-001,-002,-291,-B31

NOTE: This is a list of supported products. Some may be discontinued.

Technical Specifications

Supported Option Cards	Availability					Part Number
Six Port Card	Legacy					AF428A, 192185-B21
SNMP/Serial Port Card	Legacy					AF427A, 192189-B21

NOTE: This is a list of supported products. Some may be discontinued.

Operating System	Platform x86	Platform x64	Platform IA64
Windows			
Windows Server 2008 R1	x	x	x
Windows Server 2003 R2 – SP2, SE, EE	x	x	x
Windows Server 2003 R1 – SP1, SE, EE	x	x	x
Windows Small Business Server 2003 R2 - SP2	x	x	x
Windows Small Business Server 2003 R2 – SP1	x	x	x
Windows XP Professional – SP2	x	x	NA
Linux			
SUSE Linux Enterprise Server 10 - SP2	x	x	x
SUSE Linux Enterprise Server 10 – SP1	x	x	x
SUSE Linux Enterprise Server 9 – SP4	x	x	x
Red Hat Enterprise Linux 5.0 U2	x	x	x
Red Hat Enterprise Linux 4.0 U6	x	x	x
Novell			
NetWare 6.5 – SP2 (REMOTE AGENT ONLY)	NA	NA	NA
HP-UX			
HP-UX 11i v3 - (note 1 & 2)	NA	NA	x
HP-UX 11i v2 - (note 1 & 2)	NA	NA	x
VMware			
ESX Server 3.5.0	x	NA	NA
ESX Server 3.0.3	x	NA	NA
ESX Server 2.5.5	x	NA	NA
OVMS			
OVMS v8.4	NA	NA	x
Browsers			
Microsoft Windows client IE 7.0	x	x	x
Microsoft Windows client IE 6.0 – SP1	x	x	x
Linux client SeaMonkey 1.01	NA	NA	NA
Linux client Mozilla 1.7	NA	NA	NA
Linux client Mozilla 1.6	x	x	x
Linux client Mozilla 1.4	x	NA	NA
HP-UX client Mozilla 1.6	x	NA	NA

Technical Specifications

HP-UX client Mozilla 1.4	x	NA	NA
Fire Fox 2.0.x	x	x	x
Fire Fox 1.5	NA	NA	NA
NOTES:			
1) Please refer to individual release notes of the software for additional information on this supported platform.			
2) Supported on PA-RISC			
3) Management Server support only. No Remote Agent support.			
As a plug-in into HP Systems Insight Manager (HPSIM), users now have the ability to discover HP Power Manager servers, send and receive SNMP traps and launch HP Power Manager from the HPSIM Tools menu and Link tab.			
HP Power Manager application will run in 32-bit mode on 64-bit operating systems.			

Environment-friendly Products and Approach

End-of-life Management and Recycling

Hewlett-Packard offers end-of-life HP product return, trade-in, and recycling programs in many geographic areas. For trade-in information, please go to <http://www.hp.com/go/green>. To recycle your product, please go to: <http://www.hp.com/go/green> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: <http://www.hp.com/go/green>. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

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