

Powerware® 5115 1U rack-mount UPS

Features

- ▶ 1U (1.75 inches) rack height conserves valuable rack space
- ▶ Unique chassis design adapts to rack mount, wall mount, side cabinet (zero U), and bench top applications
- ▶ Advanced Battery Management (ABM®) technology doubles battery service life
- ▶ True sine wave output delivers smooth, continuous power
- ▶ Buck and Boost AVR voltage regulation corrects incoming voltage fluctuations
- ▶ Load segments enable scheduled shutdowns and extend backup time for critical devices
- ▶ Hot-swappable batteries minimize downtime, simplify service and extend service life of UPS
- ▶ Standard USB and RS232 serial port
- ▶ X-slot card communication options extend power management capability
- ▶ Bundled with power management software to ensure data integrity
- ▶ Warranty:
 - 2-Year Limited Warranty
 - 10-Year Pro-Rated Warranty
 - \$25,000 Load Protection Guarantee



Product Snapshot

Power Rating:	500-1500 VA
I/O Voltage:	120 & 230 Volts AC
Frequency:	50/60 Hz (auto-sensing)
Configuration:	Multi Mount-19" Rack, 23" Rack, Zero U, & Wall Mount

The Powerware 5115 rack mount UPS is a high-density power protection solution ideal for servers, storage systems, network equipment and other critical devices. The slim design and wide range of installation possibilities make the Powerware 5115 rack mount the most versatile UPS available. Occupying only 1U of rack height, the 5115 conserves valuable rack space for other critical devices while delivering powerful performance.

Unlike other UPSs that use simulated sine wave, the Powerware 5115 rack mount UPS provides pure sine wave output during battery operation. As a result, the connected devices continue to receive high quality electrical input and operate smoothly even during power outages. In addition, the Powerware 5115 rack mount UPS corrects incoming voltage fluctuations to further protect the connected equipment.

The Powerware 5115 rack mount UPS incorporates ABM® technology, which doubles battery service life, optimizes recharge time for quick recovery after power outages, and provides advanced warning at the end of useful battery life. When alarm notification indicates the end of battery life is near, the batteries can be easily hot-swapped without powering down the connected load.

User-friendly design allows batteries to be exchanged through the front of the unit.

Simple plug-and-play operation makes installing the Powerware 5115 rack mount UPS fast and easy. The sophisticated communications are flexible, allowing for local, network or remote monitoring and management. This UPS arrives with the latest version of Powerware's Software Suite with complete cabling, which provides power monitoring and unattended shutdown software. The Powerware 5115 rack mount UPS additionally comes standard with a USB port, RS232 serial port and X-slot communication bay to provide additional connectivity. In addition, the network transient protector isolates equipment from "back door" power surges traveling through network and phone lines.

With the Powerware 5115 rack mount UPS, Powerware delivers a best-in-class solution for critical network loads and the growing need for reliable, ultra-compact power protection. All models are manufactured to ISO 9001 standards and meet or exceed worldwide specifications for safety, performance and excellence. Safeguarding against power problems has never been easier.

Powerware 5115 1U RM Specifications¹

Model	PW5115 500RM	PW5115 750RM	PW5115 1000RM	PW5115 1500RM
Part numbers	103003266-5501	103003269-5501	103003272-5501	103003275-5501
Power out (VA/Watt)	500/320	750/520	1000/670	1440/1000
Dimensions H x W x D (inches)	1.73 x 17.3 x 22.8	1.73 x 17.3 x 22.8	1.73 x 17.3 x 22.8	1.73 x 17.3 x 22.8
Weight (lbs)	38.2	44.5	44.5	50.5
Input connection	120 V: 6ft line cord w/5-15P 230 V: IEC 320 (10 A)	120 V: 6ft line cord w/5-15P 230 V: IEC 320 (10 A)	120 V: 6ft line cord w/5-15P 230 V: IEC 320 (10 A)	120 V: 6ft line cord w/5-15P 230 V: IEC 320 (10 A)
Output receptacle	(4) 5-15R (4) IEC 320 10 AMP	(4) 5-15R (4) IEC 320 10 AMP	(4) 5-15R (4) IEC 320 10 AMP	(4) 5-15R (4) IEC 320 10 AMP
Typical runtime: Min. (Full Load)	16	28	32	53
Operation				
Nominal input voltage	120 V models listed above, 110, 220, 230, 240 models available			
Allowable range before switching to battery (on-line)	+/-20% of nominal			
Input frequency	45-65 Hz, 50/60 Hz (auto-sensing)			
Output voltage	110, 120, 220, 230, 240 Volts AC			
Voltage wave shape	True Sine Wave			
Input protection	Re-settable circuit breaker HV, source protection LV			
Battery type	Maintenance free, user replaceable			
On-battery output voltage (regulation)	+/-5% of nominal			
On-battery frequency regulation	50 or 60 Hz, +/-0.5 Hz			
Full load support time	5 to 7 minutes max at full rated load			
Extended battery life feature	Yes, ABM			
Hot-swappable batteries	Yes, User replaceable while on-line			
Surge energy rating	480 joules/6.5 kA			
Typical recharge time	3hrs to 90% capacity			
Transfer time	2-4 m sec typical			
Diagnostics	Automatic self test @ power up, automatic battery test every 14 days			
Voltage sensitivity	User selectable nominal voltages			
Cold start	Start on UPS batteries after first power up			
EPO	Yes			
Communications				
User Interface	6 LEDs, 2 control push buttons, load group status, general alarm, on battery, overload & power on			
Site Wiring Fault Indicator	Yes			
Data Line Protection	Yes			
Power Management Software	Powerware Software Suite bundled			
Communications	(1) USB and (1) serial port on chassis			
Open Slot	X-slot optional cards			
Environmental				
Operating Temperature	0-40° (32 to 104° F)			
Storage Temperature	-15 to 50°C (5 to 122° F)			
Relative Humidity	5-95% non-condensing			
Audible Noise at One Meter	<40 dbA			
Altitude	10,000 ft. (3,000m)			
Safety	UL1778,497, cUL, NOM, IEC 60950: 91,1,2,3,4,11, EN 50091-1-1-1:96, EN 50091-2			
EMI/EMC	FCC B VCCI & CISPR22, IEC801-2, 3, 4 & 5			

1. Due to continuing product improvement programs, specifications are subject to change without notice

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